

GAMES

January/February 1980

PUZZLES • GAMES • TESTS • CONTESTS • FEATURES

\$1.25

GOODBYE CONFUSING SEVENTIES

Sebastian Coe
breaks
mile record, 1976

Secretariat wins Triple Crown, 1975

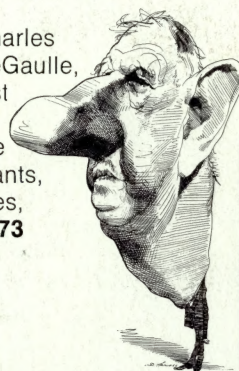


Second great Northeast blackout, 1972

Jaws scares
people all
summer,
1977



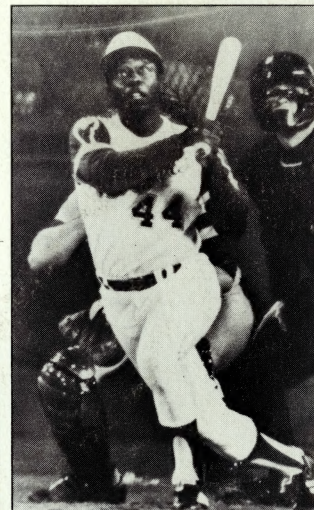
Charles
DeGaulle,
last
of
the
giants,
dies,
1973



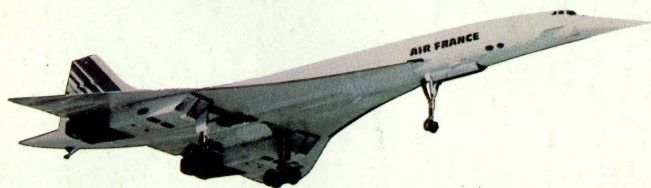
Life magazine folds, 1974



All in the Family premieres, 1978



Henry Aaron
breaks Babe Ruth's career
home run record, 1979



Concorde lands in America, 1971

America catches
Saturday Night Fever,
1970



**WE'VE GOT OUR DATES
ALL MIXED UP...
CAN YOU HELP US?**

ANSWER DRAWER, PAGE 64.

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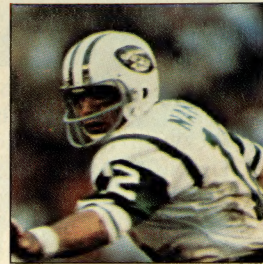
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Difficulty Rating: Smooth Sailing ★ Uphill Climb ★★ Proceed at Your Own Risk! ★★★ Mixed Bag ★☆

Cover Design: Don Wright

Editor's Message



By now, you've probably had it up to here with predictably [pick one] nostalgic/witty/bombastic Salutes, as they are called—those ubiquitous backward/forward/sidelong glances at the Seventies-That-Were and the Eighties-That-Are-In-All-Likelihood-Going-To-Be. So it is with no little glee that we seize this opportunity to salute—what else?—everyone else's Salutes. Salutes in newspapers/magazines/books and Salutes on TV/radio/screen, Salutes that have been, and Salutes that are . . . ough . . . yet to come.

The truth is that the seventies, far from being salutary, were downright incomprehensible, the eighties are utterly unknowable, and all those heroic efforts to embrace the evanescent are just as deserving of a salute as are the fleeting objects of their scrutiny (salutiny?). That is why our salutes, on the cover of this issue and on pages 10-11, are no mere affectionate/probing/misty gazes at some decade or other but are, on the one hand, a veritable Squint at the confusion of the past and, on the other, an unmitigated Blink at the puzzlement of the future.

"Now, it's all very well to poke fun at the excesses of the salutatorians," you may be saying, "but you don't offer any salubrious alternatives. What would you do if you *had* to salute something, if someone were to point a



gun at you and say, 'This is a stickup, so to speak, and you must salute something. Now, reach for it.' What would you stand up for then?" Well, we searched our consciences on this one, anticipating your mild rebuke, and we can flatly say that we would salute the Joys of the Letter Q. Yes. We like the pleasing curvature of its circular shape, the deep significance of the little line that links its inside



to its outside, its rare but always interesting appearances in written English and crossword puzzles, and the unique problems and opportunities it presents in a game of Scrabble. Indeed, it is an object of such veneration to us that we have been moved to compose a "Paean to Q" which you will find on pages 16-17. Now *that's* a Salute. Not what you'd expect at this time of year, but at least it's heartfelt.

Still, just in case you were hoping for something more timely, it could fairly be said that this issue of *Games* is "riddled" with the season's chic backward-forward look. You will find perfunctory obeisance to New Year's Resolutions on pages 46-47, a spontaneous sentiment embedded in a crossword puzzle on page 23, a most-up-to-date (and probably outdated) look at electronic games on pages 48-49, all due respect to football on page 50, and even a changing-times view of the game of Clue on pages 13-15, wherein we plead with Parker Brothers to wring out the new and bring back the old.

And as for the truly new, may we suggest, while you're throwing out your old calendar, that you join us in throwing out the new one, too? Yes, it's high time somebody did something about time—the real culprit—and, if you'll indulge us one last salute, it would be not to old times or to new times but to Time. So join us in our delusions of grandeur as we play havoc with the calendar on page 18. And may your new year be truly new. Salute.

Michael Donner
Michael Donner

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LETTERS

Insomnia Indeed

Your latest bid for my beauty sleep, "Insomnia" (Pencilwise, September/October), was most appropriately named. After having solved most of it, I was awakened at 2:00 A.M. by the words WIGWAM and GRAHAM insidiously repeating themselves in my head, demanding to be written down. As I added them to my list, I realized that I had only Q, V, X, and Z to solve! My last VESTIGUM of sleepiness vanished as I saw that I was in a QUAGMIRE until I found those solutions. I doodled HEXAGRAMS on my scrap paper until, in desperation, I grabbed my dictionary to see if "zygotum" is a word. It isn't! But my bleary eyes landed on ZYGOMA, thank the lord. Contented, but *not* sleepy, I then set about writing to tell you that INSOMNIA causes it, but it sure doesn't cure it!

Pamela Pepperman Tucker
New Orleans, LA

We're Not Getting Older— You're Getting Wiser!

Your second-anniversary issue (September/October) was absolutely super! I especially enjoyed the "Kreutzworträtsel" (Pencilwise), among other puzzles. I can't help but think that I'm growing smarter as *you're* growing older, since I solve more and more of the puzzles with each new issue.

Hope Miller
Portland, OR

The Boardwalk Blues

If you have indeed listed "The Ten Most Landed-Up-On Monopoly Spaces" (Wild Cards, September/October), how is it that I always manage to land on Boardwalk just as soon as one of my opponents has built a hotel on it?

Eric Peterson
Casper, WY

Some Nifty Swifties

I was very pleased to see Gloria Rosenthal's collection of "Tom Swifties" (Pencilwise, September/October). I had feared that this particular "art form" was extinct, and I, something of a dinosaur. Here's a twist on "Swifties" that my friends and I developed several years ago when we were students: "Double Swifties."

Some examples: "I just caught a giant squid," shouted Tom *superficially*. Or, "I'll

take the prisoner downstairs," said Tom *con-descendingly*.

I'd be interested in any new "Double Swifties" that your readers might want to add to the repertoire.

John M. Crowell
Los Alamos, NM

Here's a sampler from my pre-slumber repertoire: "I want Doctors Strangelove and Schweitzer on my side," Tom said *paradoxically*.

Jean Broom
Buena Vista, CO

The Art and Craftsmanship of Dungeons & Dragons

Your article on *Dungeons & Dragons* (September/October) was, to say the least, splendid. I say this in no self-serving way, either, even though I am an author and co-author of many D & D books. Jon Freeman absolutely knows and understands the game, and this is evident in his work. For instance, he observes that despite the formidable number of rules, a player need not know more than a fraction of them to play the game with great enjoyment. In fact, a lack of knowledge of the rules can enhance the pleasure of the first game sessions, and bring back the sense of wonder one experienced in childhood!

I must take exception with one point, however. He states: "TSR and other companies grind out prefabricated dungeon diagrams, monster lists, and encounter charts by the bushel." Speaking for TSR, and as the author of many such items, I suggest that a close look at these products will reveal very careful craftsmanship—especially with regard to the dungeon modules (diagrams). A typical module of this nature requires about 30 hours of preparation, at least as many hours of play-testing, and then 40 hours of work on the final draft. The care taken in the production of TSR's various playing aids makes the term "grind out" something less than factual.

E. Gary Gyga
Lake Geneva, WI

As a D & D enthusiast, I much appreciated Jon Freeman's recent article. It provided a good description of the D & D scenario, and is a must for all prospective players. I believe, though, that the article was limited by its sole mention of TSR and its products. The *Arduin Grimoire* (not a TSR book but definitely useful for players) is more clear and comprehensive than many TSR books, and a requirement for any serious player.

Also, the basic D & D set that Mr. Freeman

recommends is not only confusing and inadequate, but it is also outdated, as is the Greyhawk supplement. TSR itself is soon coming out with a more comprehensive book that will include all the information found in the basic set and most of the original supplements.

Eugene Mosier
Fresno, CA

JON FREEMAN REPLIES: "Grind out" is part of an extended baking/cooking/eating metaphor that crops up in the second half of the article. I meant to make a point about the quantity of such material, not its quality.

The *Arduin Grimoire* is of no help to players unless their DM uses it—and most referees don't. Also, Basic D & D is not the same as the original set of books which Mr. Mosier (though not everyone) feels is outdated. More comprehensive, though, is Advanced D & D (recently released from TSR): it's better organized and more clearly presented than earlier volumes.

More Mole-arky

Your "Molish Jokes" contest (September/October) has inspired me to create a series of jokes about my second-favorite brown beasts, Dachshunds. If Dachshunds made movies, imagine the list of hits we'd be able to see: *You Only Bark Twice*, *Invasion of the Doggie Catchers*, *The Z-Dachshund of Joe Tynan*, *Close Encounters of the Furred Kind*, and other such "hot-doggers."

Sandy Tomezik
Hazlet, NJ

Bibliophilic Bravo

Thanks to a gift subscription from a friend familiar with my puzzle habit, I am now a fan of *Games*—not so much for the games but for the puzzles, particularly those whose solutions depend on logic. I consider "Bibliophilic Brouhaha" (Logic, September/October) the best I've ever encountered. It took me hours, but I solved it. What a sense of accomplishment!

Eunice W. Rice
Winter Park, FL

Another Capital Idea

Here are a few leads for David Graham ("Much Ado About Autographs," Wild Cards, November/December). About ten years ago, I had a business acquaintance with

the quintessential "Q" name of Quentin Q. Quinn. It's possible that "Quinnie" is retired now, but still ought to be living in Connecticut somewhere.

Also, a frequent advertiser in Westchester, New York, newspapers is a contractor named Xemail X. Xemail. And now that newspapers have converted the spelling of the Chinese name and place name "Chi" (as in Chiang) to "X" (as in Xang), I suggest that Mr. Graham try to find a triple "X" among the 900 million Chinese citizens who possess this name.

Robert J. Wilson, Jr.
Riverside, CT

You Won't Solve This with Ease

ABC DEFCHIJ GNK JBE LFKM BEO CANO FP PB
EKEPENI NQBEO OAF? RNSNTSNRA? FO IBBHP PB
BSMFKNSJ OANO JBE CBEIM OAFKH OANO
KBOAFKT CNP CSBKT CFAO FO NO NII, NKI, FK
LNGO, KBOAFKT FP. QEO FO FP EKEPENI. CAI?
CFOA RSLBEKM NMUFSNOFBK LBS JBES RE-
QIFGNOFBK, F NU GSJROBTSNRAFGNIII NKM
GBURNKFBKNQII JBESP.

Peter Strauss
Danville, CA

Answer Drawer, page 59

LAUNDRY BASKET

If we publish your letter in Laundry Basket,
we'll send you a Games T-shirt.

November/December

★ Both "Queen Elizabeth" and "Princess Doris" must be spinning subterraneanly at your goof in the "World's First Double-Crostic" on page 42. In clue B, you have assigned the third letter of LOTTO to space 38, when it should be in space 28.

Fred Kaufman
Rego Park, NY

★ The title of your stamp-stumper, "Incompetence Strikes Again," page 84, was wonderfully ironic: the first word is misspelled, and all the answers but the first are numbered differently from the illustrations. Congratulations on these fine touches ... or were they unintentional?

Eileen Frisch
Pittsburgh, PA

The answer to your question is Top Secret Classified Information. We will say, however, that the correct pairing of stamp numbers and Answer Drawer numbers, respectively, is: 1-1, 2-5, 3-10, 4-7, 5-2, 6-3, 7-12, 8-4, 9-6, 10-8, 11-9, 12-11.—Ed.

EVENTS

Before making plans to attend any of the events listed below, write to verify dates, times, places, entry fees, etc. Send a stamped, self-addressed envelope to the sponsor with your request.

Backgammon Turnberry Isle Gold Cup Tournament, January 22-26, with competition in three classes: Beginner, Intermediate, and Open. On January 27, the best players will represent their countries or states in the \$25,000 Black and White World Team Championship. Contact: Turnberry Isle Yacht and Racquet Club, Turnberry Isle, FL 33163.

Chess U.S. Amateur Team Championship, February 16-18 at the Marriott Hotel, Somerset, New Jersey. Competition is for four-player teams with average ratings below 2100. Contact: U.S. Chess Federation, Dept. G, 186 Rte. 9W, Windsor, NY 12550.

Chess Tour Two-week trip to Russia, with scheduled stops in Moscow, Baku, Tblisi, and Leningrad, and meetings with men's and women's champions. Sponsored by the non-profit, nonpolitical Citizen Exchange Corps, the tour will run from March 31 to April 15. Reservations should be made by mid-February. Contact: Malcolm Byrne, Citizen Exchange Corps, 145 Hanover St. Boston, MA 02108.

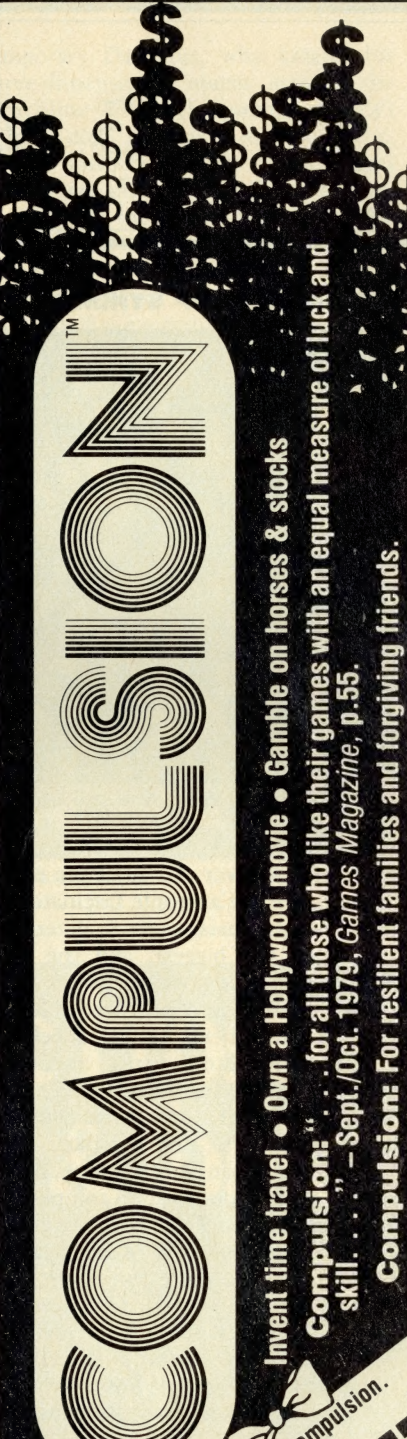
Crosswords The 3rd Annual American Crossword Puzzle Tournament, March 7-9 in Stamford, Connecticut. The competition will be directed by Games Associate Editor Will Shortz. Contact: "Crosswords," Stamford Marriott Hotel, Two Stamford Forum, Stamford, CT 06901.

Dominoes The 19th Annual World Championship Domino Tournament, February 23, at the Commercial Club in San Francisco (see "Five-Up" on page 8). Contact: Ruben Smith, Hunter's Point Boys' Club, 729 Kirkwood Ave., San Francisco, CA 94124.

Map Reading 17th Annual St. Valentine's Day Massacre, for which contestants are sent an atlas and a complicated route to follow through its pages. A special novice class has been created for first-time entrants. Entry fee \$17.50; deadline February 14. Contact: St. Valentine's Day Massacre, P.O. Box 378M, Murrysville, PA 15668.

Snowshoe Softball 10th Annual Snowshoe Softball Tournament, February 16-17 at Priest Lake, Idaho. All players wear snowshoes while batting and fielding. During the evenings, there will be a women's snowshoe volleyball contest as well. Contact: Brick Harris, Rte. 5, Priest Lake, ID 83856.

Snow Surfing National Snurfing Championship, January 26, in Muskegon, Michigan. Snurfing is a sport in which a single, wide ski is ridden surfboard-style down a steep hill. Competition is divided into two categories: commercially produced boards and originally designed boards. Contestants are scored for speed, but few actually make it to the bottom of the hill without falling. Contact: Jay King, Muskegon Community College, 221 South Quarterline Rd., Muskegon, MI 49442.



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G A M E B I T S

THE HULA HOOP SYNDROME



Contestants puffing their way to fame and fortune at the World Pipe Smoking Championships.

Question: What's more American than apple pie? Answer: An apple pie eating contest. We are a people fascinated by Bunyanesque feats, eager to determine the most, the biggest, and the best. Capturing our competitive streak in all its peculiarity is *The Contest Book* (Crown Publishers, 1979), a celebration of 299 esoteric, zany, and often downright weird contests held throughout the United States and Canada. Coauthors Ken Dollar, Ruth Reichl, and Susan Subtle colorfully describe every conceivable competition from the Horned Toad Derby to the Jalapeno Pepper Gobble. Reading about all this may be more fun than being there, but for those with a hankering to let out their best hog call or test how accurately they throw a skillet, the book lists the necessary information.

More than mere entertainment, *The*

Contest Book is pure Americana, bizarre folklore, quirky sociology. Outrageous as the contests appear, they often extol such homespun virtues as hard work and harder play. Events like the International Plowing Match, Buffalo Chip Throwing, and Muzzle Loading were born out of the frontier spirit; they celebrate skills once necessary for survival, and still serve to gather neighbors together in friendship.

The Contest Book is also testimony to America's humor—as broad as the prairies—and keen sense of the ridiculous. Whether by organizing jackrabbit roping or watermelon seed spitting or bellyflopping (the winner of the latter event set himself on fire to make a big splash with the judges), Americans seek—and invariably find—any excuse for havin' a good ole time.

—C. S.

BACKGAMMON MANICURE

Heaven knows, anything goes in the gimmicky world of backgammon. And if you were not the "chicest" thing since roller-disco at your last tournament, consider this: The Chic Lady, a Las Vegas beauty salon, offers hand-painted, acrylic fingernails (in the design of your choice) like the ones shown here. But when sporting these nails in tournaments, be sure at least to place in the money. You don't want to be called a dilettante.

—P. M. W.



FIVE-UP: AS SAN FRANCISCO AS THE GOLDEN GATE BRIDGE

Every weekday at lunchtime, hordes of businessmen stream out of the skyscrapers in San Francisco's financial district and hurry to gentlemen's clubs where they indulge their passion for dominoes. The game they play is Five-Up, so named because when the dots on the dominoes at the end of the lines add up to five or some multiple of five, a point is scored for each multiple of five.

Few of the San Francisco players would claim that dominoes is as difficult as bridge or chess. And that's part of the appeal. As one habitual lunchtime player points out, "Dominoes is simple enough that you can play three games during lunch and go back to work with a pretty good attitude." Most of the players readily admit that Five-Up is 70 percent chance. Some claim 90. This overwhelming luck factor induces a delightfully contradictory attitude in the players. They are totally involved in what they're doing without being the least bit committed to it. Even during tournament play there is an incessant stream of banter that would be strictly out of place at a chess tournament. The official program for the annual "world championship" goes so far as to state, "If you do not qualify for match play, you are invited to kibitz."

Still, if you want to get a domino player aroused, tell him his pastime requires no skill. Dominic Armanino, who is credited with codifying the rules of Five-Up (see his book *Dominoes: Popular Games, Rules, and Strategy*), is eager to point out that there are over 98,280 possible hands in Five-Up and over 2.5 quintillion possible arrangements of tiles in a four-player game. Hastings Garland, an insurance broker and former champion, says that these astronomical numbers are what attract the players. "Dominoes involves the calculation of odds and risks," he explains. "That's all it is. No wonder you find bankers, stockbrokers, insurance brokers—all numbers people—playing. We're specialists in risk management."

—Lowell Cohn

WHEN ART COMES TO PLAY

Much of modern art is unintentionally puzzling, but Miguel Berrocal's metal sculpture is puzzling by design. A Spaniard living in Verona, Italy, the critically acclaimed Berrocal has elevated the common Chinese puzzle to the lofty realm of High Art. Each of his handsome, elaborate sculptures (ranging from 2½ to 16 inches) can be taken apart and reassembled.

The inner workings of these gleam-

Gold-plated Goliath, the formidable Philistine.



ing nudes, caryatids, and torsos are as dazzling and meticulously constructed as the artful exteriors. The pieces (as many as 80 in "Goliath") come apart in sequential order and must be reconstructed the same way—but secret locks, trick levers, sliding parts, hidden buttons, and sub-assemblies of large pieces make this easier said than done.

Berrocal's sculptures are also metaphorical riddles. Jagged and abstract, the half-finished constructs hint at the challenging enigmas that churn beneath the calm surface of reality.

First and foremost, though, Berrocal wishes to produce delight. He is a con-

temporary Daedalus, who creates his three-dimensional mazes around the punchline of a (frequently bawdy) joke: a dove unfolds into a jet plane; Romeo and Juliet's little coffin houses a complete place setting for two—presumably for the lovers' last supper; Alexander the Great's torso comes apart into nine wearable rings.

The perfect gift for the puzzle enthusiast who has everything—as well as for art lovers—these works are priced from \$250 to \$6,400. Berrocal's American representative is James Rudolph, Centicore Arts, International, 2122 Melrose Ave., Ann Arbor, MI 48104. —C. S.



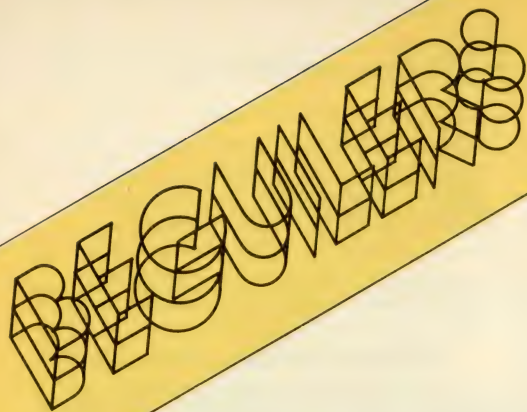
Goliath gone to pieces—80 of them. Don't thank David, thank Berrocal.

The Frosty Gin & Tonic

Tall, clean-tasting, icy-cold. Made with Gilbey's Gin, of course. The famous frosty bottle pours a gin that's made for mixing. With tonic or juice, in a Martini or Collins, the smooth flavor of Gilbey's always comes through.

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1980

Magic Square

Fill in the missing numbers so that each of the four rows, four columns, and two long diagonals adds up to either 18 or zero.

SEQUENCES

Name the next year in each of these number sequences.

1

1940

1944

1952

1964

1980



2

1089

1098

1809

1890

1908

1980



5

1853

1854

1860

1872

1886

1890

1896

1898

1900

1904

Can You Find 1980?

It's in here somewhere, and it hasn't been distorted, jumbled, or broken up in any way.

3

1919

1960

1961

1966

1968

1969

1980



4

1793

1807

1818

1829

1870

1881

1892

1908

1919

1980



1905

1908

1920

1926

1944

1950

1962

1968

1974

1980



Answer Drawer, page 59

No compromise

Winston Light 100's didn't compromise
on great taste to get low tar.
Why should I?

Winston Light 100's taste good
like a light cigarette should.



© 1979 R. J. REYNOLDS TOBACCO CO.

Warning: The Surgeon General Has Determined
That Cigarette Smoking Is Dangerous to Your Health.

13 mg. "tar", 1.0 mg. nicotine av. per cigarette, FTC Report MAY '78.

Parker Brothers Has Done In the Game of Clue with a

(choose one):



a) Lead Pipe



b) Wrench



c) Candlestick



d) Knife

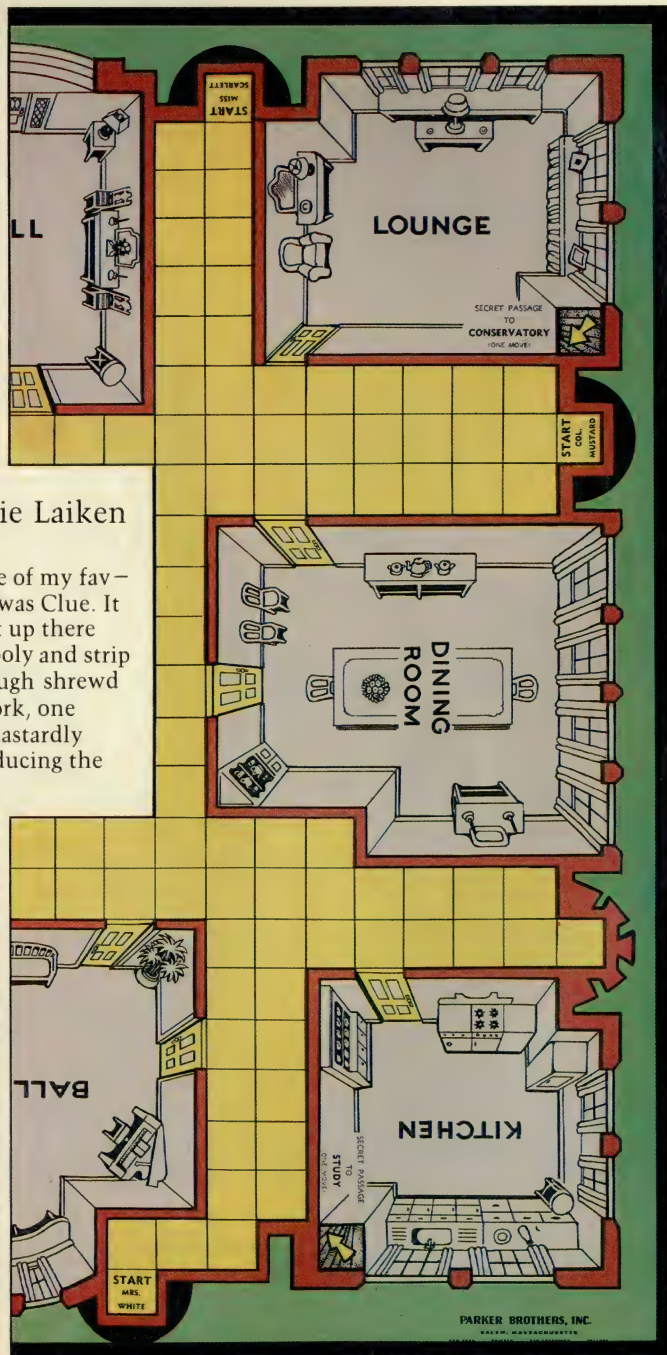


e) Revolver

f) Face Lift



After: Improved Clue Gameboard



Before: Perfectly Good Clue Gameboard

by Charlie Laiken

As a kid, one of my favorite games was Clue. It ranked right up there with Monopoly and strip poker. Through shrewd detective work, one solved the dastardly crime by deducing the

murderer, the weapon, and the room in which the heinous homicide was committed.

For me, that was only part of the fascination of Clue. Coming from a middle-class home that consisted of a living room, a kitchen, a few bedrooms, and an eternally unfinished basement, I was a wide-eyed innocent as I entered the English Tudor estate pictured on the game board. Imagine me venturing into "Mr. Boddy's palatial mansion," complete with study, library, billiard room, and conservatory (I wonder to this day just what one does in a conservatory). What opulence! Potted palms, grand pianos, chaise lounges, and fireplaces with andirons created an aura of grand sophistication. It was a world cozily under my dominion, a world which crackled with tension and intrigue as I roamed through its corridors and secret passages in search of a perfect solution.

Peering into the elegant rooms, I would badger my opponents like a tough private eye with "suggestions" (often little more than blind guesses) as to Who, Where, and How. And when, by process of elimination, I arrived at the grim truth, I made my accusation—"Colonel Mustard in the study with a wrench"—in the portentous tones of a Charlie Chan. Though a game of elementary logic, Clue allowed free rein to my imagination.

But as surely as country estates give way to condominiums and plastic replaces wood, Clue has been bulldozed by progress. Stumbling on an updated version, I was shocked to discover that the game's topography was totally different from what I had known and loved. While the object of the game is the same, this new edition has renovated the great drafty mansion in an attempt (according to Parker Brothers) to spur declining sales. But they have succeeded only in giving the game all the charm of a vinyl tablecloth. The game board is abstract and sanitized: instead of a pool table in the billiard room, I found a picture of green felt; an ersatz leather book cover represents a library; the ballroom is symbolized by a parquet floor. It's like stepping from the set of *And Then There Were None* into that of *Mrs. Columbo*.

Even the playing cards have been changed. Coldly realistic photographs replace the drawings of old, which were ripe with suggestion. Most ruthless was the plastic surgery performed on Miss Scarlett, Professor Plum, and the rest of the endearing cast of characters. Gone are the familiar faces that inspired my epic flights of fancy as I imagined the hidden lives and motives of the potential felons:



MRS. PEACOCK *I imagine her a tall, spindly family matriarch. Although an excellent rubber bridge player and noted botanist, she spends her days keeping the exploits of her doltish son Cecil out of the newspapers and covering up other family embarrassments. Dear Mrs. Peacock could very easily knife a greedy blackmailer in the conservatory.*



MISS SCARLETT *A fallen woman who, as a tender waif, converted an entire boy scout troop to sin. In later life a heavily painted temptress, her hot and heavy breathing and plunging neckline drove men to ecstasy. Unexpectedly, she saw the error of her ways and became as chaste as a nun. Anticipating the wanton Miss Scarlett of yore, an unsuspecting man accosting her in the ballroom might be bludgeoned to death with the candlestick.*



COLONEL MUSTARD *A lecherous imposter who claims to be a big game hunter. While he boasts of kills from Bombay to Nairobi, the only game he has ever hunted is wealthy widows. If someone were to expose his true identity—unemployed rake salesman—the colonel would not be averse to strangling him with the rope in the study.*



MRS. WHITE *A sweet, big-bosomed woman with an affinity for macadamia nuts. Her late husband, Clifton, the butler, skimmed and saved, leaving her a small fortune. Since then a steady stream of admirers has come knocking at her door. She's been riddled with self-doubt: Do they love me or my money? A wrong answer from one of her suitors could incite her to empty "Old Man" White's revolver into the unfortunate fellow in the dining room. Are you listening, Colonel Mustard?*



PROFESSOR PLUM *A former professor of English literature at a small provincial college north of London. A scandal involving two young coeds necessitated his hasty and involuntary retirement—and ended his dream of teaching at Oxford. Unceasingly tormented by his fate, he is entirely capable of doing in anyone with the wrench in the library.*



MR. GREEN *A loathsome man. Enough said.*

Why had they done this to my game? Was I alone in my anguish? Hardly. Lawyers, nurses, executives, dental hygienists, all solid citizens, all Clue players in their youth, have had violent reactions to the "Modern Clue." A Larchmont stockbroker had to be physically restrained from ripping up the Professor Plum pretender. A hematologist martyred himself by refusing to set foot in the lounge because he found it "aesthetically displeasing."

Fortunately, time heals all wounds. I now play Clue again, but something has been taken out of me. Still unbeatable against my peers, I consistently lose to anyone under the age of twelve. Obviously these Neo-Cluists are unaware of the game's loss of emotional content, are unimpressed with the mystery of the conservatory, and probably think Miss Scarlett is "neat." What's wrong with the younger generation? □

"Round up the usual suspects."

Match the unsavory modern pretenders below with their illustrious forebears on page 14.

Answer Drawer, page 59



Charlie Laiken is a part-time writer/actor and full-time Clue reactionary.

Canada. Where the water's clear, the grains are rich,
and brewing has been an art
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a taste too good to miss.

**Taste
the pride
of Canada.**

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EYE Q TEST

☆☆
by Dennis Pohl



The quest for big name hunters is to find
35 things in this surreal landscape that begin with the letter Q. Don't quit
until you bag your quick quota of 20.

Answer Drawer, page 59



A GAMES CONTEST



Rename the Months So They Make Sense

12 First Prizes Your month and your name immortalized in the 1981 *Games Calendar* ... and 12 free copies of the calendar for your friends.

Did you know that January was named for the Roman god of doorways? (Admittedly not a bad choice for the month in which we enter the year.)

Or that February was named for a smoky purification rite, and indirectly for all those feverish ailments that required healing in Ancient Rome just as they do today? Still, appropriate enough, even if a little obscure.

But come March, things begin to get a little farfetched; the third month was dedicated to Mars, the god of war and agriculture, and so

was probably related to spring planting and to the Romans' custom of waiting out the winter before resuming their annual military campaigns. "March" is of course lost on us, who are now sophisticated enough to grow crops and wage war during all twelve months of the year.

After April (possibly connected with Aphrodite, the Greek goddess of love, and if so, bravo!), the calendar runs straight downhill into a capricious mélange of female deities (Maia, Juno), emperors (Julius, Augustus) and—the final indignity—four barely disguised Roman numerals, two full months out of whack. (September, the ninth month, comes from the Latin word for seven, etc. With that kind of logic, why not just call it Ember and the following month Remember? Or Cucumber? Or Hamburger?)

Other peoples in other times have been considerably more practical and/or poetic in the naming of the months. The ancient Babylonians used the dominant celestial constellations to title the moons, a tradition which has survived in astrology. North American Indians named the months after the natural phenomena they could expect to find in them—thus January was the Cold Moon, February the Hunger Moon, May the Flower Moon, October the Falling Leaf Moon, and December the Long Night Moon.



And, in an effort to emphasize their break with the past, the French Revolutionaries of 1792 changed the names on their calendar to reflect the weather and other enduring French concerns—the year began in mid September with Vintage, and ran (postmen take note) through Mists, Sleet, Snow, Rain, Wind, Seed, Blossoms, Pasture, Harvest, Heat, and ended with Fruit (like a good meal).

Now I ask you, dear friends and countrymen: In the face of such ingenuity, are we to stand idly by and continue to date all our checks, letters, memos, and homework assignments with our current absurdities? No, I say! Arise! Cast off your fetters! Redate your letters! Vive la révolution! ... Er ... But where to from here?

Exit the Gregorian calendar. Enter our creativity contest. Rename any or all of the twelve months in a way that will have more relevance in our shiny, up-to-date world. A prize will be awarded to the best entry for each month. All entries must be received by February (you should pardon the expression) 1, 1980. And the decision of the judges is, as always, final.

Clip or copy this entry and mail to **Calendar Uprising, Games Magazine, 515 Madison Ave., New York, NY 10022.**

All entries must be received by 2/1/80.

Old Month New Name (Explanation optional. Attach additional sheets as necessary.)

January _____
February _____
March _____
April _____
May _____
June _____

July _____
August _____
September _____
October _____
November _____
December _____

Name _____

Street Address _____

City _____

State _____ Zip _____

All entries become the sole property of *Games Magazine*, and none will be returned.

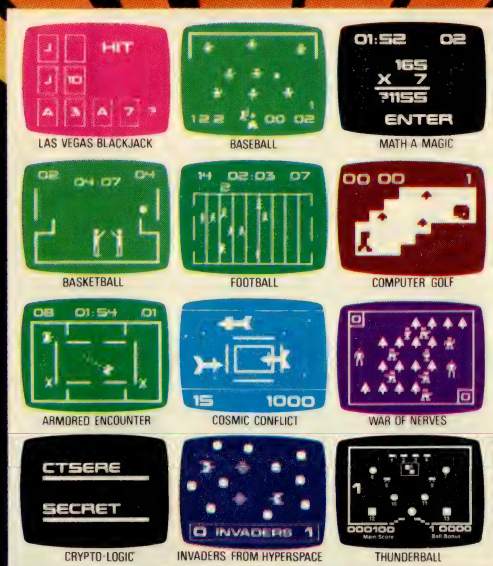


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WE MAKE STAYING HOME FUN.



Golden LightsTM 100's fills taste void for thousands.

84% of Golden Lights smokers switch from
higher tar brands... and stay.
Taste is the chief reason.

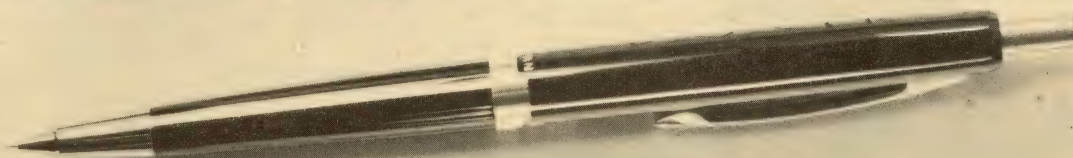


Golden Lights 100's.
The taste high tar smokers
want in a low tar.

Warning: The Surgeon General Has Determined
That Cigarette Smoking Is Dangerous to Your Health.

Source comparative 'tar' and nicotine figures: Either FTC Report May 1978, or FTC Method.
Of All Brands Sold: Lowest tar: 0.5 mg. 'tar,' 0.05 mg. nicotine av. per cigarette. **Golden
Lights: 100's**—8 mg. 'tar,' 0.7 mg. nicotine av. per cigarette by FTC Method.

PENCILWISE



Edited by Will Shortz

Illustrated by Angie Lloyd

Picturegram ★★




The Crossword with a Hidden Illustration

by Will Shortz

When filled in, each row (1–12 Across) and column (A–L Down) in the grid will contain two or three successive words that answer the clues below. Fill in the words in the same order as their clues, one after the other, and one letter per square. (For example, if the clues to a row were "Opposite of hot," "First digit," and "Trousers," you would write in the 12 successive letters COLDONEPANTS.) In the completed grid, every square is used once across and once down.

To form the illustration, do not enter the letters L, U, and V in the grid—instead, substitute the symbols shown below for these three letters, wherever they would normally appear. When you are done, *voilà!* an illustration of timely significance.

Answer Drawer, page 61

L =  U =  V = 

	A	B	C	D	E	F	G	H	I	J	K	L
1												
2												
3												
4												
5												
6												
7												
8												
9												
10												
11												
12												

ACROSS

- 1 a Military combat
b Rackets
2 a Comedian _____
SILVERS
b "The clink" in Britain
c Superstar
3 a Make angry
b Diamond _____
c Stuck
4 a Bullfight cheer
b Greek triangle

- c Part of the forelimb
5 a Electrician's tool
b Famed Greek
6 a Hit, say, of the '50s
b Hogwash
c Young fellow
7 a Comforts
b Shore dinner fare
8 a Anonymous John
b Lois of the

"Daily Planet"

- c Future ewes
9 a Outcome
b Make one's residence
10 a Water: Fr.
b Roger Bannister's run
c American defense missile
11 a Pay back
b Lusters
12 a Sheep with fine wool
b Recorder button

DOWN

- A a Fitting
b Late, late show?
B a Feeling of terror
b Card game
c Roof's edge
C a Scrabble piece
b Lay off workers
c Litigant
D a _____ du Diable (Devil's Island)
b Agnus _____
c Reunion

- gatherers
E a Watch flirtatiously
b _____ room
c Put in a row
F a Tips to be filed
b Stooped
c First sign of August?
G a Star of North Dallas Forty
b Unavailing
H a Gymnast Korbut
b Strip

- I a Fortunate: 2 wds.
b With more frills
J a Aretha Franklin's music
b Andean worker
c Afternoon reception
K a Word after break or get
b Metrical foot
c Whips
L a Melancholy
b Totals
c Judgment

Wackier Wordies ★★

by the Readers of *Games*

Some of you may still be gnashing your teeth over the Wacky Wordie puzzles we presented last summer. In fact, we are, too, since several hundred of you sent us over a thousand new ones to solve. We've selected the best of those for this page of—what else?—Wackier Wordies.

The object in solving is to discern a familiar phrase, saying, cliché, or name from each arrangement of letters and/or symbols. For example, box 1a depicts the phrase "Eggs over easy." Box 1b shows "Trafalgar Square." The puzzles get more diabolical as you go.

Answer Drawer, page 61

	a	b	c	d	e	f
1	eggs easy	TRA FAL GAR	told tales told	ettr k cip	leat mau new leaf	stky
2	price	L +O SS	swear bible bible bible bible	league	bridge water	school
3	-attitude	hoppin	century	ERC TNUO	orseman	D UC K
4 set one's teeth		or or O	bet one's dollar	tpmerhao	what must	way yield
5	t o 2 par n	dictnry	rifle rifle rifle rifle	PAINS	everything pizza	L Y I N G JOB
6	tr ial	prosperity	monkey O	busines	writer's	moon sonata
7	power	mesnackal	uos!M	pit	wheel wheel drive wheel wheel	✓✓✓ cōunter

black

Our thanks and a *Games* T-shirt to: Wendy Ceracche (Ithaca, NY), Richard K. Collins (El Paso, TX), Gene Doll (Yakima, WA), Graeme Fraser (Ottawa, ON), Walt Grooms (Nashville, TN), Chris Kermiet (Denver, CO), Robert and Melvin Kintz, Jr. (Altoona, PA), Carol J. Nowicki (Pittsburgh, PA), Wynne Saks (Boston, MA), W. R. Somers (Champaign, IL), Wilma Stanhope (Vicksburg, MS), and Luther Warm (West Orange, NJ). In cases where the same rebus was contributed by more than one person, we chose the one with the earlier postmark.

New Year's Cheer ★

by Henry Hook

ACROSS

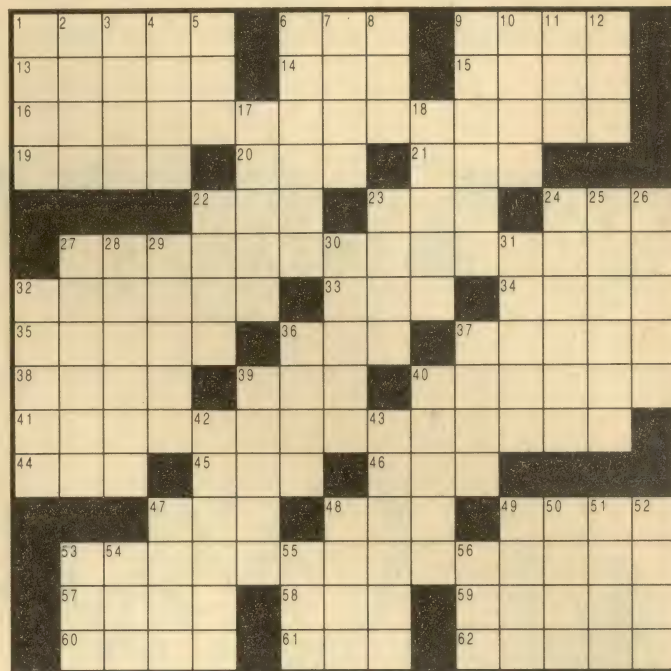
- 1 Ancient Palestinian land
- 6 Faucet
- 9 *Roots* author _____ Haley
- 13 Oriental
- 14 German exclamation
- 15 Super-garb
- 16 Start of a message: 2 wds.
- 19 Transatlantic jets: Abbr.
- 20 Falsehood
- 21 Corn "holder"
- 22 Drunkard
- 23 Timetable abbr.
- 24 Terrible report card?
- 27 Part two of message: 4 wds.
- 32 Entered: 2 wds.
- 33 Bill, after passing
- 34 Saharalike
- 35 Biblical witch town
- 36 Yellow vehicle?
- 37 Fashion
- 38 "I wouldn't send _____ out on _____": 2 wds.

- 39 Prepare for war
- 40 Retailed again
- 41 Part three of message: 2 wds.
- 44 Period of time
- 45 Actor Ayres
- 46 Zsa Zsa's sis
- 47 Do wrong
- 48 Zoo animal
- 49 Served perfectly
- 53 End of message: 2 wds.
- 57 Love: Sp.
- 58 Francis Scott _____
- 59 Very
- 60 Dogs' feet
- 61 Letter after *ar*
- 62 Less wild and crazy

DOWN

- 1 Traffic tie-ups
- 2 Employs
- 3 Grime
- 4 Dumbo's "wings"
- 5 "... have you _____ wool?"
- 6 Island paradise
- 7 160 square rods
- 8 _____ Beta Kappa
- 9 Broadway workers
- 10 Mary had one

- 11 Anti-pollution agency: Abbr.
- 12 Crosses out
- 17 Clarabell, e.g.
- 18 Word with ball or driver
- 22 Mix
- 23 Moby's pursuer
- 24 "It's easy _____ to say.": 2 wds.
- 25 Ruffles
- 26 Lost color
- 27 Fender _____ (minor accident)
- 28 Samantha's mother on TV
- 29 Foul cigar: Var.
- 30 Shuts loudly
- 31 Slang for a pudgy person
- 32 Make a basket
- 36 Bird that caws
- 37 It twice follows "qué" in a song
- 39 Plural of isn't
- 40 Vaudeville show
- 42 Gripping tool
- 43 TV's Marshall and Beatles' "Lane"
- 47 Winter white
- 48 The Bee _____
- 49 Water: Sp.



Answer Drawer, page 62

- 50 Place for a goatee
- 51 Feminine suffix
- 52 Henna user
- 53 Forty winks
- 54 "_____ little teapot _____": 2 wds.
- 55 _____ out a living
- 56 Intelligence levels: Abbr.

Oy, A Quiz! ★★

by Otis Young

Every answer in this quiz is a word or name that ends in the sound of "oi." For example, with the clue "combination of metals," the answer would be ALLOY. *Answer Drawer, page 61*

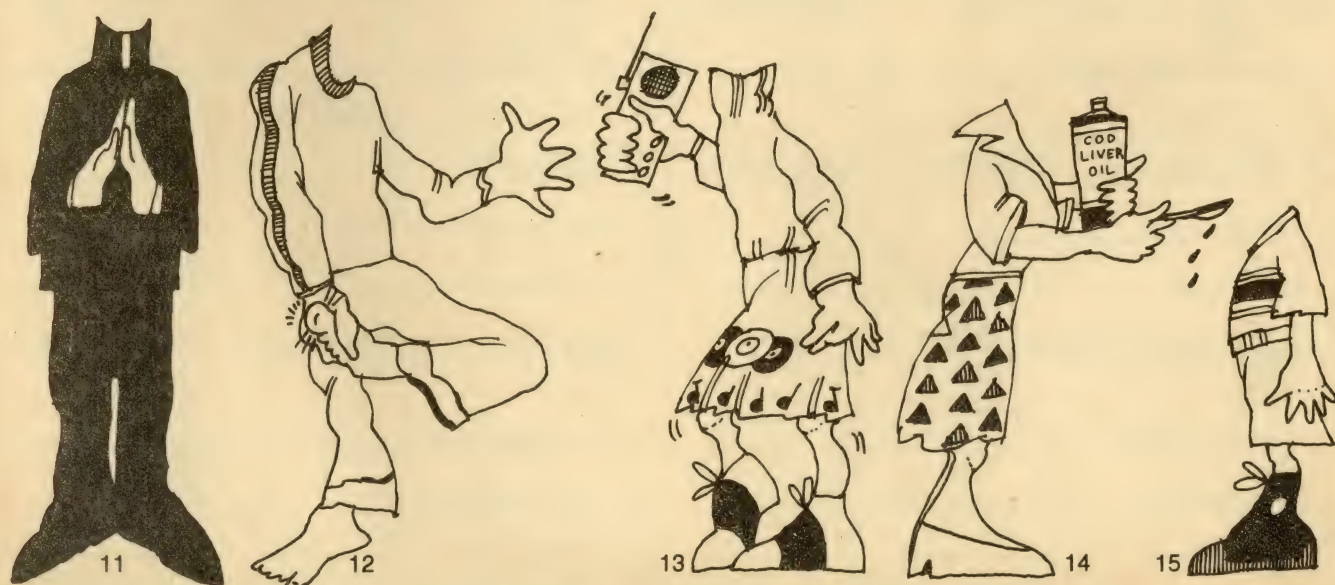
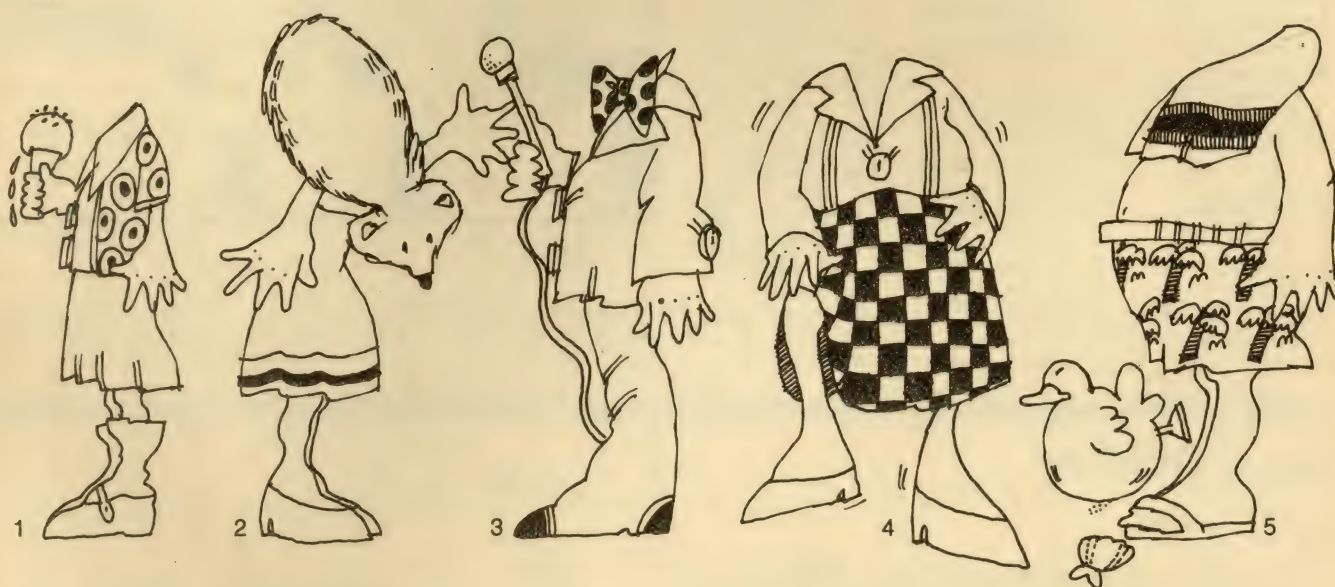
1. Shipmate's cry _____
2. Russian ballet _____
3. Sturdy fabric _____
4. WWI infantryman _____
5. He "was here" _____
6. Largest of the Virgin Islands _____
7. Parade of truckers _____
8. Popular magazine _____
9. Chess challenger _____
10. False duck _____
11. Abe Lincoln's home _____
12. Author of *Anna Karenina* _____
13. Inner tube, e.g. _____
14. American Indian confederacy _____
15. Colonial governor of India _____
16. Famed London theater _____
17. Rodeo rider _____
18. Wet blanket _____
19. Diplomatic representative _____
20. Common people _____

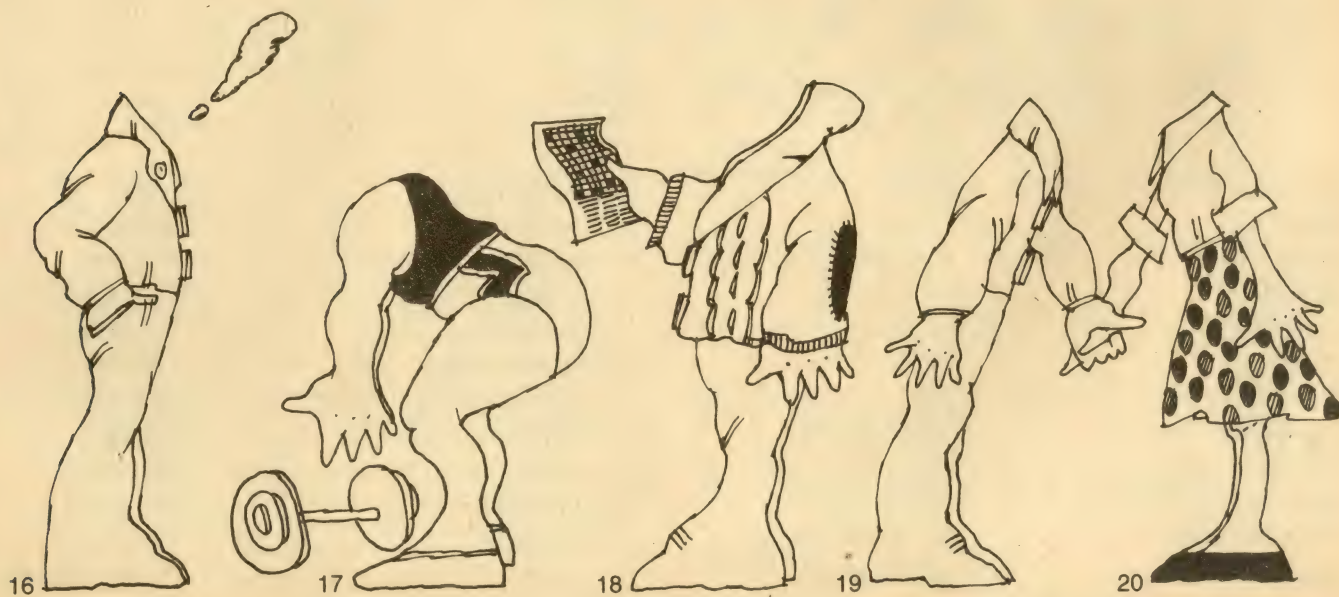
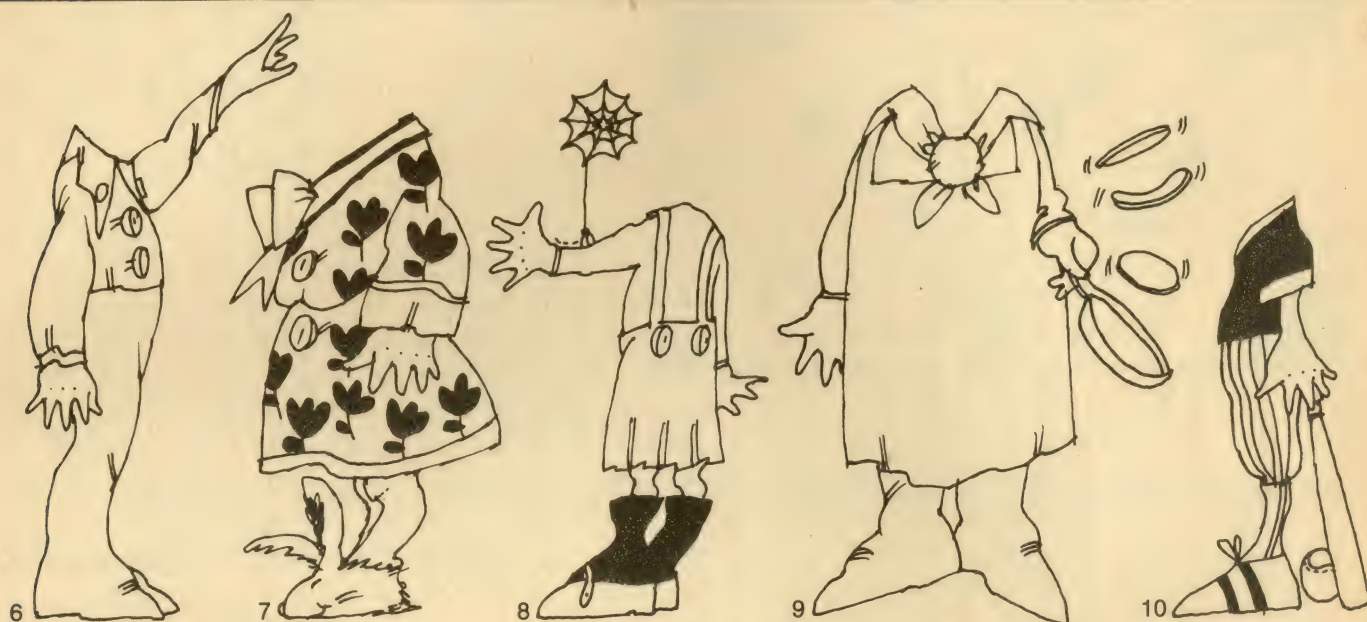
On With Their Heads! ★

It looks like the day after the French Revolution, what with these 20 lonesome bodies each trying to get a head. But what you actually see is merely an extreme case of identity crisis. These split personalities just don't have their heads screwed

on right. Can you do the honors and reunite each with his own? (We'll give you a head start by noting that head B, with the tongue out, matches body 1, with the ice cream cone.)

Answer Drawer, page 61





Take a Ride on the Reading ★

by Edith Rudy

Hidden in the grid of letters below are 48 names and terms from the world's most popular proprietary game, Monopoly. (Over 80 million sets have been sold since 1934.) Every word or phrase in the word list can be found in the grid in a spiral—proceeding either clockwise or counterclockwise around the first letter. Successive letters are horizontally or vertically, but not diagonally, adjacent to each other. Two examples are shown at right.

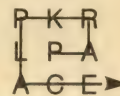
Answer Drawer, page 62

Examples:

GO TO JAIL spirals clockwise:



PARK PLACE spirals counterclockwise:



```

      T I C U
    P C C O T A
  E G E N N O I R
M A V T I I S K
  R O N L L E
  R S I T I O
    I J U N
    V T S G
      A C
      R E
    G O H O R P O O I E L B O R K S N A L L I T Y C
  O H E S U N H T N T A T M W W A N I L B A N C O H
T R S N A V L A T E O L H I R E T R O O D N U M M E
N T L I E P Y J A I R A A V G T O T N R E D N A T S
H S C A N N S O G L O N I N I E H H C A R L K B W N T
I P K R R E T T O W E A I D A L T A X H S E E R M O R
D L P A R M I D A Y N E N R E H Y L U C T S E E V N I S
I A C E A E D O C O R K G C I F R U X T S S T E E T S E
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      T C N T I R      G A R D      L V A N
    E R H A A C      I N M A E T      S Y P E I T
  Y T A X L T R      T I V R N E      D S N N A T
M E E I N R O      S D Y S      N E V A
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The Top of the Crop ★★

by Jack Luzzatto

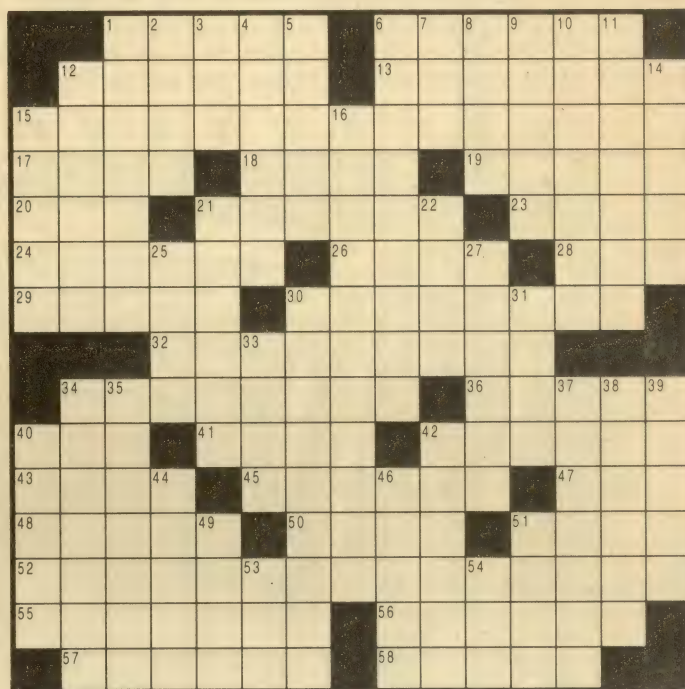
ACROSS

- 1 Lassoed a critter
- 6 Uses dynamite
- 12 Strip bare
- 13 Sooner
- 15 They "star" at Studio 54: 2 wds.
- 17 Circle parts
- 18 Pith helmet
- 19 Old temptation
- 20 Caboodle's partner
- 21 Trickled
- 23 Toboggan
- 24 Smoothed
- 26 Malicious
- 28 Hesitant sounds
- 29 Detroit product
- 30 Kosygin, et al.
- 32 Where debts are, after the ball: 2 wds.
- 34 Bold and saucy, old style
- 36 Salty "drops"
- 40 Tel Aviv airport
- 41 In ____ (in the original position)

- 42 Site of Moses' miracle: 2 wds.
- 43 Trees of "desire"
- 45 Former Egyptian chief
- 47 Use a park bench
- 48 Good-bye, Juan
- 50 Watch your ____!
- 51 The moon
- 52 Mr. Universe, e.g.: 2 wds.
- 55 Apprentice
- 56 Toughened
- 57 Certain roofer
- 58 Bottled roses
- 12 Obtain (from)
- 14 Rex and Donna
- 15 Makes brownies
- 16 They top the social heap: 2 wds.
- 21 Medicinal herbs
- 22 Pre-inflation dance price
- 25 Hammer's target
- 27 Strew garbage
- 30 Mediocre rhymester
- 31 Looked over
- 33 Make a web
- 34 Sculptors
- 35 Navy "brass"
- 37 Supposer
- 38 ____ in (stopped a horse)
- 39 Old tempter
- 40 Bounded, like Baryshnikov
- 42 Regret
- 44 Bulgarian capital
- 46 Old photo color
- 49 Mailed
- 51 Italian coin
- 53 Passing grade
- 54 Stop the action!

DOWN

- 1 Responded
- 2 Blame
- 3 ____ off (delay)
- 4 Corrected copy
- 5 Friday's creator
- 6 Ripley's "____" or Not": 2 wds.
- 7 Soft sound of waves
- 8 District
- 9 Smorgasbord for swine
- 10 Dipsomaniac
- 11 The Pink Panther star



Answer Drawer, page 62

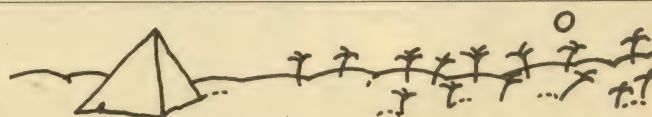
Secret of the Pyramids ★★

by Denys Parsons

Peter Shenston, the brilliant young Egyptologist, died tragically before he could publish his amazing new theory of how the pyramids were constructed. Archaeologists know that blocks of local limestone weighing from 2 to 50 tons were dragged up ramps on sledges, but they have never been able to explain how stones weighing 220 tons and more were raised to a higher level.

Peter's widow, Janet Shenston, told me: "Peter believed that each giant block was first levered onto a baseboard. Then a wooden coffer dam was built around it, made watertight with clay, and filled with water. Mere immersion lightened the weight by more than a third, and buoyancy was increased by lashing bamboo and gourds to the block. When the block had risen to the top, it was pushed sideways through a lock into a second tank that was partially filled with water and situated at a higher level, and this in turn was sealed and filled. The block was thus raised successively up the steps of the pyramid—10 cubits (5¼ meters) at a time.

"Peter was afraid his discovery would be pirated so he kept his notes in his own cipher version of hieroglyphics, in which every symbol represented a letter of the English alphabet." Janet showed me the key passage in Peter's notebook and it gave me quite a thrill to decipher it. Here it is:



18 12 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31 32 33 34 35 36 37 38 39
 40 41 42 43 44 45 46 47 48 49 50 51 52 53 54 55 56 57 58

Answer Drawer, page 61

You're Invited to a Party ★★★

A Connoisseur's Cryptic Puzzle

by Janis and Doug Heller

You are invited to a party at our house February 30. To decide if you want to come, solve this cryptic puzzle, which will reveal the evening's planned activity. First answer the clues, entering the letters of the answers over the dashes. Then transfer these

letters to the appropriately numbered squares in the puzzle grid. When you are done, reading left to right in the grid, and line by line, you will find further instructions.

Answer Drawer, page 59

	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20
A	T																			
B																				
C						I														
D																				
E										S										
F						T						H								
G						R														

Pencil Pointers: Each cryptic clue contains a direct or indirect definition of its answer, and a subsidiary description of the answer through wordplay (anagram, homonym, charade, etc.). Clues may be deceptively worded to conceal which part is which, but always lead grammatically to their answers in two ways. For example, in clue 1 the answer, T-SHIRT, is first properly defined as a "top," and is then also described through an anagram of THIRST (the word "off" suggesting THIRST's misspelled condition).

Clues

1. Top the thirst off (hyphenated word)

T-S H I R T
A1 E11 F13 C6 G6 F6

2. With compassion to offer a heartless lady

D11 C12 G2 B8 C16 E10 C8 C2

3. Free mince-meat pie can

G15 F20 F4 E6 D18 B19 G18 E5 F11 B14

4. One will often say "Mom, make lace like the others do"

D10 A14 C19 E12 G17 D14

5. One man's representatives

F10 G10 B17 B6 F12 D2

6. Personality? I make an impression with it on everybody's heart

A4 D7 B7 G9 A16 F7 C13 B1

7. Rush into bed, offend no end, and get abruptly sent away (2 wds.)

F15 F5 E19 E7 E3 B15 G3 C3 E1 B9

8. Paul Newman film is a little cold at the beginning and kind of warm at the end—but in the middle it's hot and ... (3 wds.)

A6 G5 F19 C7 G14 B4 F8 C18 D8 C4 G7 D9

9. Tithe went out of style this century

B12 G4 A13 B5 A20 G8 D3 E14 B13

10. Cockney witch to possess a spiny plant

C17 C1 G1 C11 A9

11. Operating a spinning toy, frequently that man turned, they say, elated (5 wds.)

A2 D6 E2 G12 B2 E13 D15 F3 D19 D12 E8 D20 A10 B3 A3

12. Makeup test given for short stories

B16 A17 F9 B18 E20 F18 G11 E4 F2

13. You will hear where the king's canopy is conquered

F16 A8 E16 D13 F17 E15 B11 C14 C5 B20

14. Go after cold cut

A15 E18 D1 C10 A18 F14

15. Hatchet tossed around two open mouths. You've got the makings of a very painful mouth!

G16 D5 A7 A11 C9 D17 D4 C20 E9

16. Most will lose face with great wealth, and when they're scared they'll hide their heads

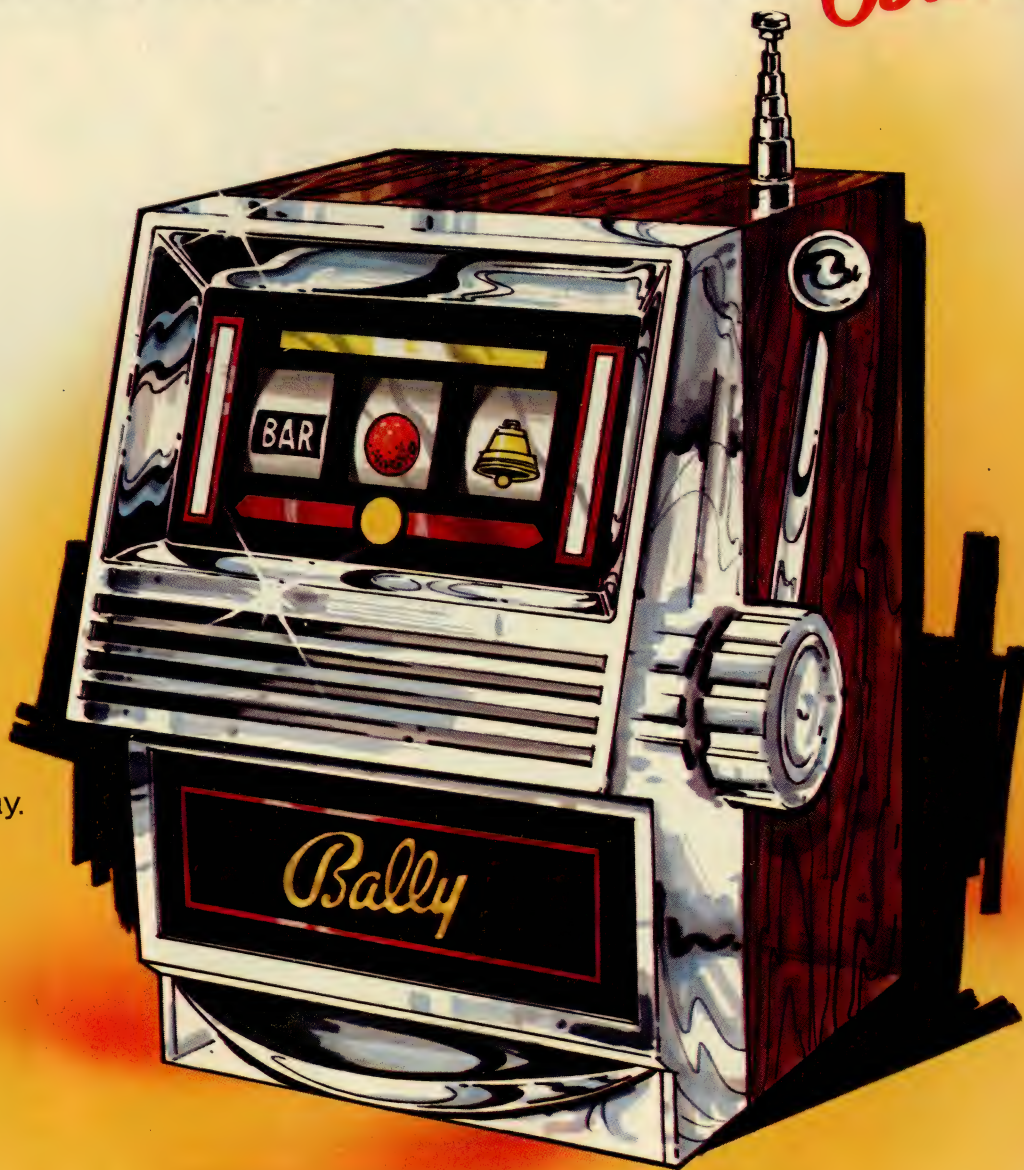
B10 A5 G13 C15 A19 E17 A12 D16 F1

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WILD CARDS

Edited by Lisa Feder



Teasers



The Shadow Knows

A man walking at night along a sidewalk, at a constant speed, passes a street light. As his shadow lengthens, does the top of it move faster, slower, or at the same rate as it did when it was shorter?

—from *Mathematical Carnival* (Vintage Books).
© 1975 by Martin Gardner.

Answer, page 34

Word Play



Before and After

What word "fits" (before or after) each of these four words?

Example: END DOVE PIPE COAT TAIL

1. PAPER DRY FLOWER FIRE _____
2. SOFT STRING HORSE HORN _____
3. POST FLOOR BLACK STREET _____
4. EYE STAR TAIL WIFE _____

Answer, page 34

No Kidding



Squiffed

Come New Year's Eve, one or two of us at *Games* will be mops and brooms. No, we will not be playing "Who Am I?" Picture us instead as half-seas-over, decks awash, and flying the ensign. We're joining the Navy? Nope.

These curious expressions are from a 1934 book, *Weseen's Dictionary of American Slang*, which devotes 16 pages to drinking terms, and lists 217 (we counted) slang words and expressions meaning "intoxicated." Thanks to this book, we now know what it is to be bosky, lumpy, in one's cups, and fried to the hat.

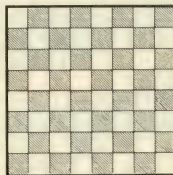
Actually, we doubt you'll need these words—*Games* readers are never jungled—but you might like to know some slang for money. A hogg is a dime, ready rhino is cash on hand, and money in general is "what it takes." *Some* things never change.

—W.S.

Look

Square Deal

How many squares are there on a checkerboard?



Answer, page 34

Logic



Dames for Delphi

Alpha, Beta, Gamma, and Omega were four young women of ancient Greece who were training to become oracles; in fact only one of them did and she got a post at Delphi. Of the other three, one became a professional dancer, one a lady-in-waiting, and one a harp player.

When they were practicing predictions one day, Alpha forecast that Beta would never become a professional dancer; Beta forecast that Gamma would become the Delphic oracle; Gamma forecast that Omega would not become a harp player; and Omega predicted that she (Omega) would marry a man called Artaxerxes. The only prediction that was in fact correct was the one made by the woman who becomes the Delphic oracle.

Who becomes what? Does Omega marry Artaxerxes?

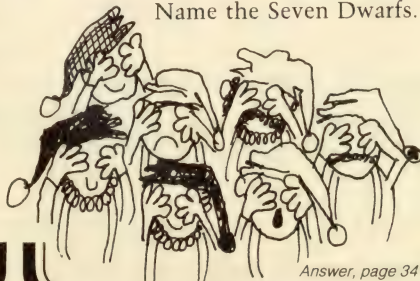
—from *Puzzles for Pleasure* (Emerson Books Inc.).
© 1972 by E. R. Emmet.

Answer, page 34

Trivia

A Snow-White Job

Name the Seven Dwarfs.



Answer, page 34

Unexpected taste



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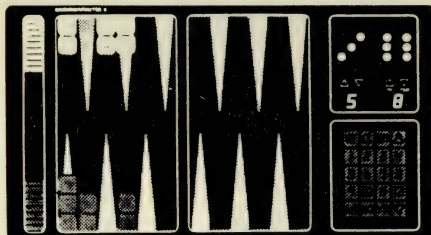
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Bar Games



Fish Sticks

Using 8 matches, construct a fish as shown here. Then, moving only 3 matches, reverse the direction in which the fish is swimming.

—Henry E. Leabo



Answer, page 34

Twists



A Queenly Quarrel

Place two queens on an empty chessboard in such a way that the greatest possible number of squares is under joint attack from both queens. How many squares will be under attack? (A queen is considered to be attacking any square to which it can move.)

—R.W.S.

Answer, page 34

Tough Nuts



The "Impossible" Slam

This problem has baffled three generations of bridge players. With hearts as trump, South must make all 13 tricks after West leads the King of clubs. How does he accomplish this seemingly impossible feat?

NORTH

♠ A Q 2
♥ A K Q J
♦ Q J 10 9 8 7
♣ —

WEST

♠ K J 10 9 8 7
♥ 5 4 3 2
♦ —
♣ K Q J

EAST

♣ 6 5 4 3
♦ —
♥ 6 5 4 3 2
♠ 5 4 3 2

SOUTH

♠ —
♥ 10 9 8 7 6
♦ A K
♣ A 10 9 8 7 6

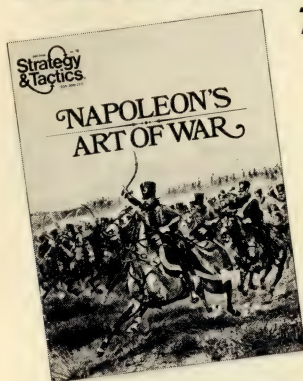
—Mel Stover

Answer, page 34

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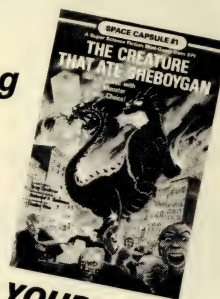


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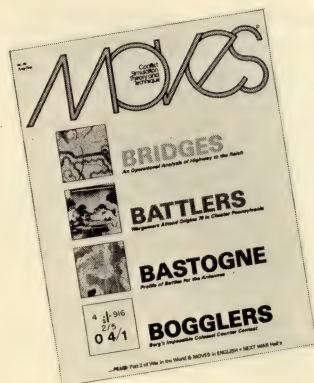


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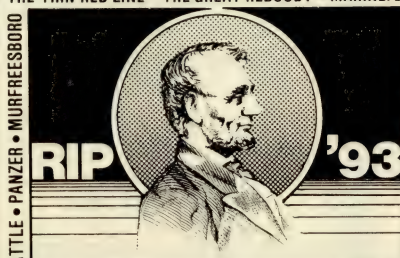
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WILD CARD ANSWERS

The Shadow Knows

The top of the shadow of a man walking past a street light moves faster than the man, but it maintains a constant speed regardless of its length.

Square Deal

There are 204 squares. The question did not specify what size the squares had to be; therefore, in addition to the 64 small squares, it is necessary to add 49 squares of 2x2 size, 36 squares of 3x3 size, 25 4x4s, 16 5x5s, 9 6x6s, 4 7x7s, and 1 8x8 (the outline of the board itself).

A Snow-White Job

Happy, Sleepy, Sneezzy, Grumpy, Dopey, Doc—and let's not forget—Bashful.

Before and After

1. WALL
2. SHOE
3. LAMP
4. FISH

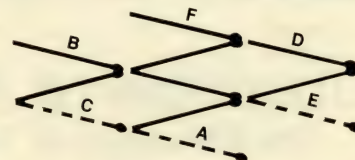
Dames for Delphi

If Beta's prediction is true, then Gamma alone predicts correctly, and Beta's prediction is false. So Beta is not the Delphic oracle; and since her prediction is not true, neither is Gamma the oracle. Therefore, Gamma's prediction is also not true, and Omega *does* become a harp player.

Hence, Alpha becomes the Delphic oracle, and since her prediction is true, Beta does *not* become a professional dancer. Instead, Beta becomes the lady-in-waiting, and Gamma the professional dancer. Omega does not marry Artaxerxes.

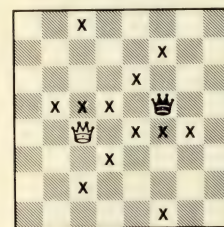
Fish Sticks

As shown in the diagram, move match A to position B; match C to position D; and match E to position F.



A Queenly Quarrel

Twelve squares (the ones marked "X" in the figure).



The "Impossible" Slam

South must discard a diamond, not a spade, from the North hand at the first trick. Next he leads a heart to the board, ruffs the spade deuce in hand, leads another heart to the board, and ruffs the Queen of spades. South then plays two more rounds of hearts and the Ace of spades, discarding the two diamonds in his hand in the process.

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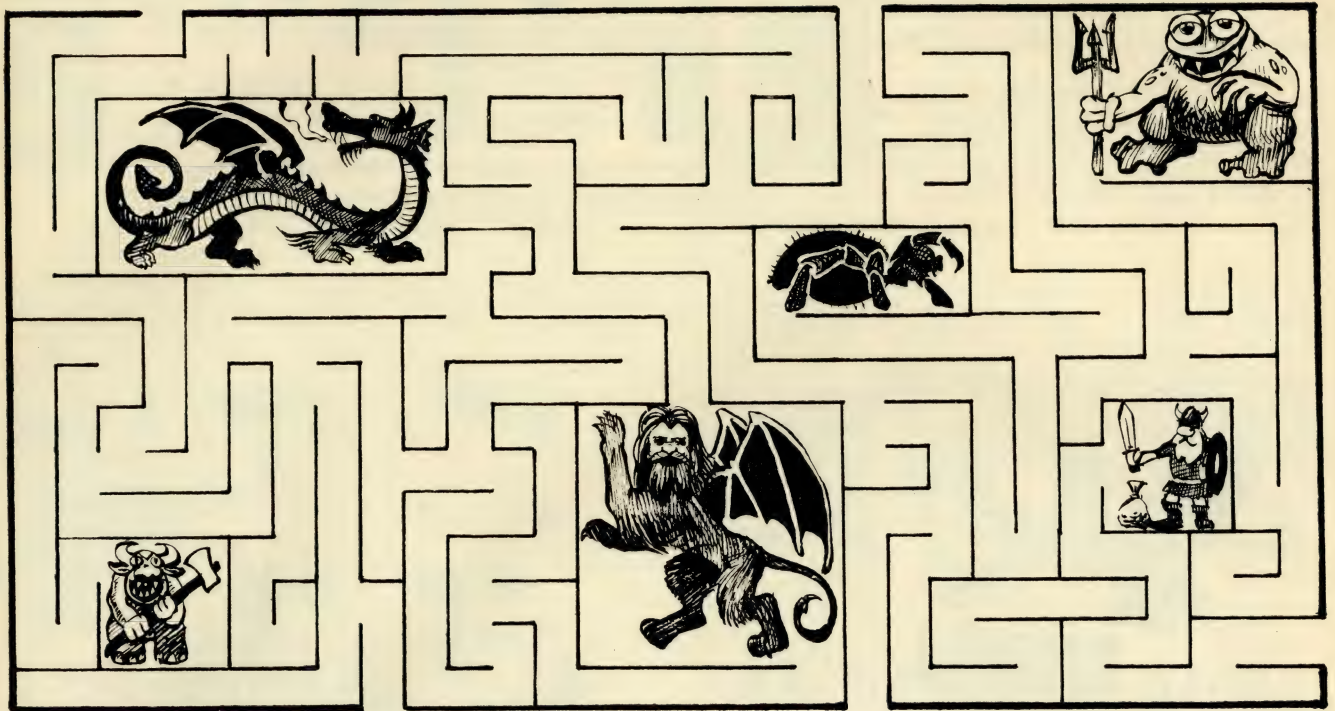
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Definitions? ★★★

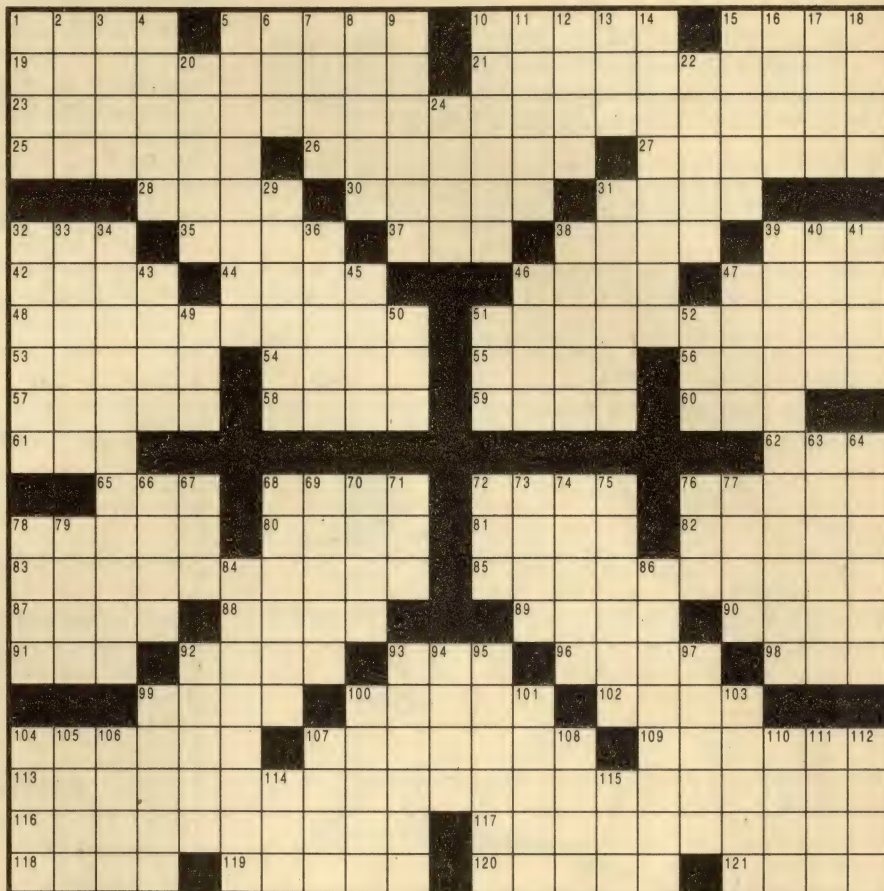
by Jordan S. Lasher

ACROSS

- 1 *Madame* _____
(1977 Oscar film)
- 5 Eats voraciously
- 10 Eyewash acid
- 15 Exchange premium
- 19 Definition of "racehorse"
- 21 Definition of "double-decker bed"
- 23 Definition of "Golden Gate Bridge"
- 25 Actor Cyril
- 26 Informer: Sl.
- 27 The fourth estate, in Spain
- 28 Emily or Wiley
- 30 Made of wood, old style
- 31 Stevedore's spot
- 32 Ah, to Ludwig
- 35 Ibsen heroine, with 63-Down
- 37 Museum medium
- 38 Await judgment
- 39 Berserk
- 42 "____ Old Black Magic"
- 44 Smokey's concern
- 46 Hasn't _____ to stand on
- 47 Halo
- 48 Definition of "Grand Canyon" (cf. 34-Down)
- 51 Definition of "double stitch"
- 53 Actress Burstyn
- 54 Luxury "wheels"
- 55 Kimono
- 56 Playwright Brendan
- 57 Great White Way signs
- 58 Verve
- 59 Problem joint for athletes
- 60 "Worm of the Nile?"
- 61 Sandy's answer
- 62 Boob tube band: Abbr.
- 65 _____ Diavolo (spicy dish)
- 68 Swiss painter
- 72 Of an age
- 76 Rodeo man
- 78 Superman's dad
- 80 Snaky fishes
- 81 De _____ (fancy)
- 82 Put on
- 83 Definition of "IOU"
- 85 Definition of "Dark Ages"
- 87 Novak and Darby
- 88 _____ *dixit*
- 89 Scarlett's home
- 90 Cassandra, e.g.
- 91 Goliath's shoe size?
- 92 "*Honi _____ qui mal y pense*"
- 93 Eden tree?
- 96 Impart
- 98 Last year's jrs.
- 99 Locale
- 100 Kind of headache
- 102 Dutch cheese
- 104 Vocal discontent
- 107 More roomy, in a way
- 109 Zend-_____
- 113 Definition of "standing ovation"
- 116 Definition of "dog kennel"
- 117 Definition of "dynamite"
- 118 Bridge ace Culbertson, et al.
- 119 Getz and Kenton
- 120 Kentucky Derby prize
- 121 Handle

DOWN

- 1 Campus mil. org.
- 2 Where Diamond Head is
- 3 Fr. holy women
- 4 Tin Pan Alley acronym
- 5 Gets rid of, as a demerit
- 6 Outmoded: Abbr.
- 7 Kissers
- 8 Partner of Scruggs
- 9 Lady of Spain
- 10 *Swan Lake*, e.g.
- 11 Fatty liquid
- 12 Heckled
- 13 "_____ in the bag"
- 14 _____ plea (admitting guilt): Sl.
- 15 Daisy Mae's mate
- 16 TV sleuth Peter
- 17 Suffixes with Joseph and Clement
- 18 Soup green
- 20 Georgia city
- 22 Made out
- 24 Tourist, e.g.
- 29 Bagatelle
- 31 Teammate of Duke and Gil
- 32 Zeus' favorite
- 33 Irritability
- 34 Definition of "art gallery" (cf. 48-Across)
- 36 As thin as _____
- 38 Annapolis freshman
- 39 Definition of "husky litter"
- 40 Length \times width, for a rectangle
- 41 Orlando's duo
- 43 High schooler
- 45 Jane Austen book
- 46 "Unto us _____ is given"
- 47 Sweet drinks
- 49 Switch positions
- 50 Seeming eternity
- 51 Genesis vessel
- 52 N.Y. Knicks, L.A. Lakers, etc.
- 63 See 35-Across
- 64 Some chickens
- 66 D.C. figures
- 67 "Old Swan" fare
- 68 Midway doll
- 69 Last but not _____
- 70 Writer Wiesel
- 71 *Ita* _____ (it is so): Lat.
- 72 Wapiti
- 73 Pipsqueak
- 74 Spindlelike
- 75 Cruel Simon
- 76 See 26-Across
- 77 Chooses
- 78 Hunky-dory
- 79 Sheriff of Mayberry's son
- 84 Dispersal weapons
- 86 Revolvers, e.g.
- 92 Between the Gulfs of Suez and Aqaba
- 93 Skirmishes
- 94 Actress Swenson
- 95 Gene Autry's instrument
- 97 Brubeck and Garroway
- 99 Jockey's garb
- 100 Squelched
- 101 _____-Croatian
- 103 Hostess Perle
- 104 Bunyan's blue ox
- 105 Milky stone
- 106 Grand Ole _____
- 107 Actor Lugosi
- 108 Antique cars
- 110 Leg bone
- 111 Gumshoes
- 112 "_____ silly question . . ."
- 114 N.C.O.
- 115 Rival



Answer Drawer, page 62

Spygrams ☆

The Null Cipher

by Norma Gleason

Detect anything unusual about this German press cable from World War I?

PRESIDENT'S EMBARGO RULING SHOULD HAVE IMMEDIATE NOTICE. GRAVE SITUATION AFFECTING INTERNATIONAL LAW. STATEMENT FORESHADOWS RUIN OF MANY NEUTRALS. YELLOW JOURNALS UNIFYING NATIONAL EXCITEMENT IMMENSELY.

The stilted wording that you may have noticed is caused by the sender's inclusion of a secret message. Read the first letters of the 24 words in order and you will see: "Pershing sails from N.Y. June 1."

This actual cable (sent in vain as it turned out) is a Null Cipher—a cipher in which some of the letters (usually the ma-

jority) serve only to conceal the letters that spell the real message. We call these useless letters "nulls."

Null cover messages need not make sense. They often do, however, because that helps hide the fact that a confidential message is being transmitted.

Any number of ciphering schemes may be used. To make the secret message, the encoder might use the first letter of the first word, the second letter of the second word, the third letter of the third word, and then repeat the series. Or he might use just every third letter.

Try your hand on these Null Ciphers. Hints, in case you are stumped, are given at the bottom of the page—you may want to cover them before you begin.

Answer Drawer, page 59

1. Spy in Focus

Authorities intercepted this suspicious note sent to a foreign embassy worker. What instruction does it conceal?



2. Personal

Lovers in the 1800s sometimes communicated secretly through the most public of all channels—the personal advertisements in the daily newspapers. Not having a telephone, and perhaps afraid to use the mail because of fear of parental discovery, a young lady might place a message in cipher in a newspaper and a young man might even take a copy home, without risk of being found out. Here is one such message. What does it say?

Like new, \$100
Call aft 6PM 246-1360

2B3 1XR15 N6 8GT 4XH3E9
7CXA 5R R811 XA2 671EA
8XT T1W 50XT9 1H 182S4E
9XV 6E1N3 XI34 5 N2G1J
04H 38NI 2XL60 VI 9EX
Y52X04U6

VACATING EASTSIDE apt-Selling furniture & furnishings. Excel condition. Reasonable. 873-9789

MA
Rar
haffi
STEIL
bench,

SOHN
Historic
conditio

Kno
Mahog



3. Grocery List

This slip of paper was found in the pocket of a suspected terrorist. It is not just a shopping list, as you will discover if you look closely.



Additional Hints

Cipher 1: Look to the ends of the words.

Cipher 2: The numbers play no part in the message.

Cipher 3: One letter of each line is important.

Sprouts ★★

The Classic Game of Topology

with puzzles by Sid Sackson

Sprouts is a game for two players, as diverting as tic-tac-toe, but more challenging in play. It was invented by Cambridge University professor John Horton Conway and graduate student Michael Stewart Paterson.

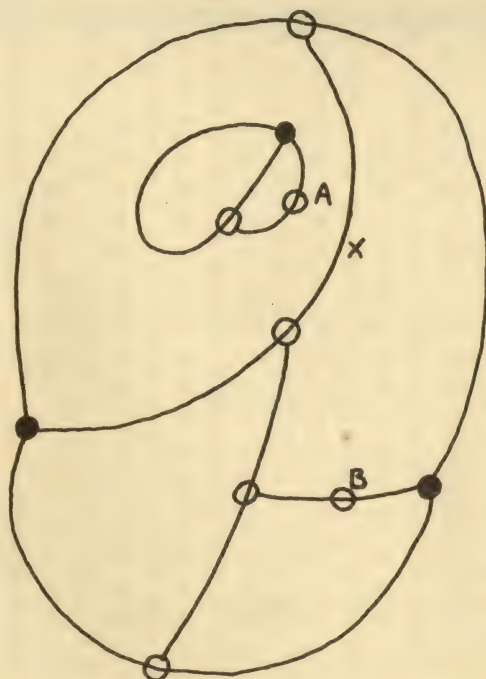
Equipment: A pencil for each player. A blank sheet of paper on which two or more spots are placed. (From three to six spots make the best game for beginners.)

Object: To be the last to draw a line.

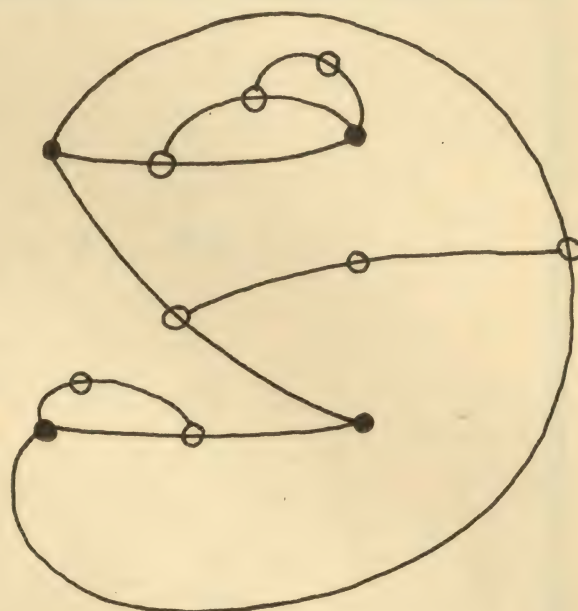
How to Play:

1. Player A (chosen in any agreed manner) draws a line that either connects one spot to another spot, or loops and returns to the spot from which it started. The player then places a new spot anywhere along the line.
2. Player B does the same, and play continues to alternate.
3. A line may be of any shape, but it may not cross itself or another line.
4. No spot may have more than three lines radiating from it. (Note that a new spot placed on a line starts with two radiating lines.)
5. The winner is the last player who is able to draw a line.

Example: The illustration below shows a completed three-spot game. The three original spots are solid, while those added during the game have been left open. Two spots remain in play (A and B). To connect them, however, requires crossing line X, which is forbidden.

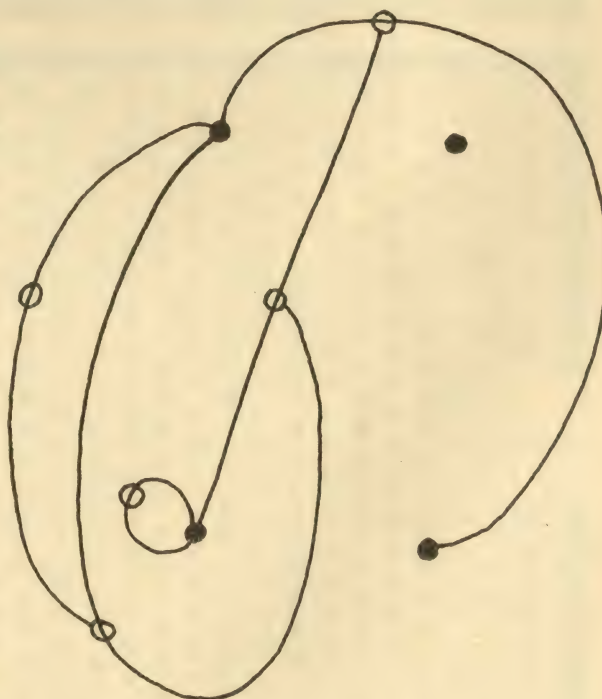


To Get the Hang of It: Try the two puzzles illustrated at right. If it's your move, how would you play so as to be sure of winning?



★

First Puzzle: Four spots are left for play. Connecting a certain pair of them will result in an immediate win . . . but which pair?



★★★

Second Puzzle: Can you smell victory? You are three moves away if you play your lines right.

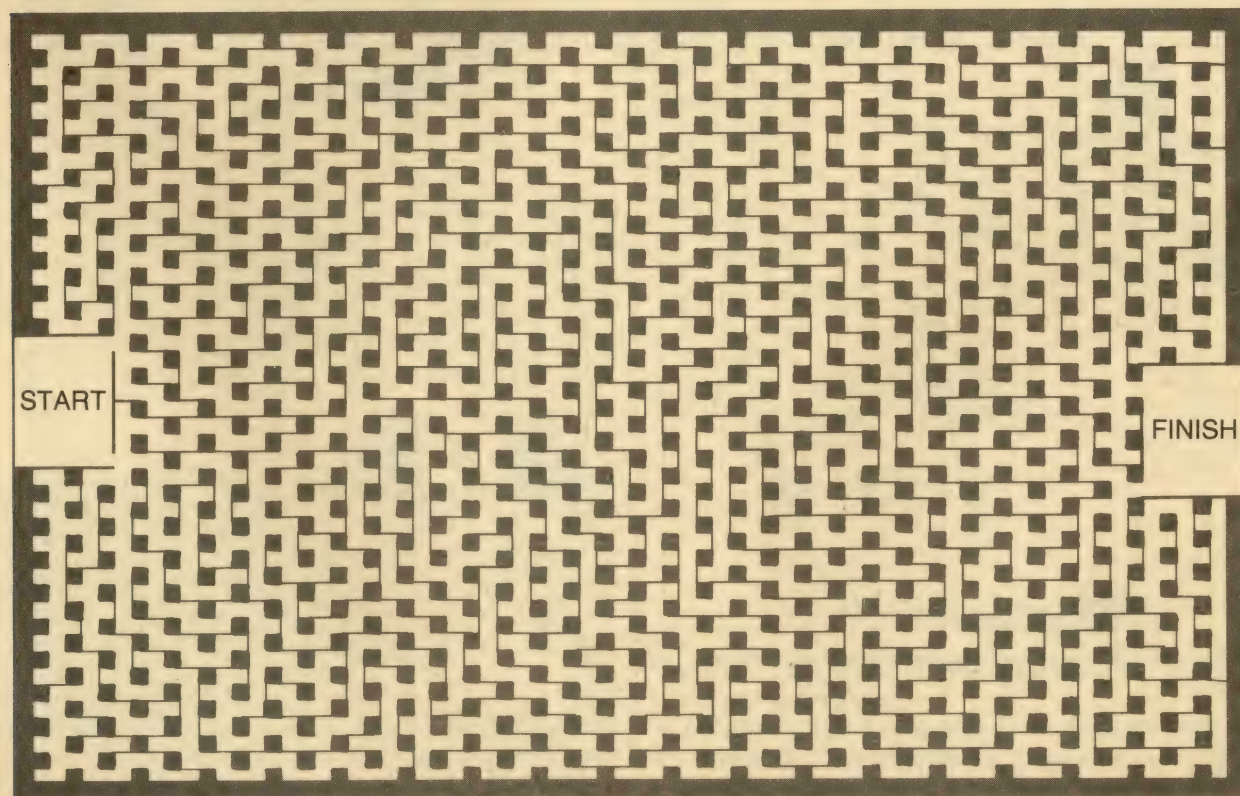
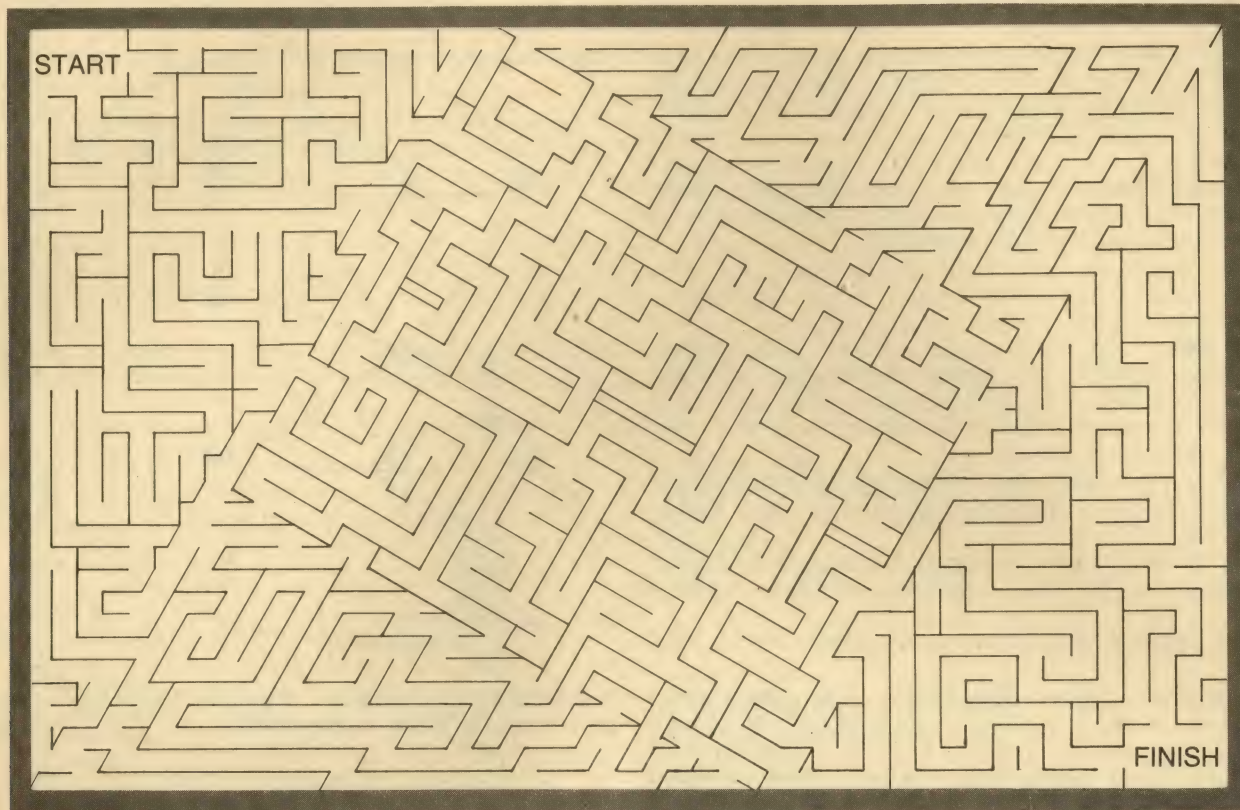
Answer Drawer, page 59

Modern Mazes ★★

by Neal Griffiths

And found no end, in wand'ring mazes lost. —John Milton, *Paradise Lost*

Answer Drawer, page 61



RightAngles

by E. R. Galli

The special twist of RightAngles is the way in which words are entered in the puzzle grid. Each word makes one right-angle turn somewhere along its length. But it's your task to determine where each word makes this turn and in which direction.

As a guide, the starting direction of each answer word (i.e., the direction of the word *before* the right-angle turn) is indicated by the letter given after the clue number. Words can go north, south, east, or west to start with. Of additional help is the fact that each letter in the correctly completed grid appears in exactly *two* words, no more, no less.

In RightAngles #1, the actual words to be entered in the grid are listed. Try this zoological warm-up, then go on to #2.

For RightAngles #2, only the definitions of the answer words have been given... after a fashion. (The number of letters in answer words is given in parentheses.)

Answer Drawer, page 62



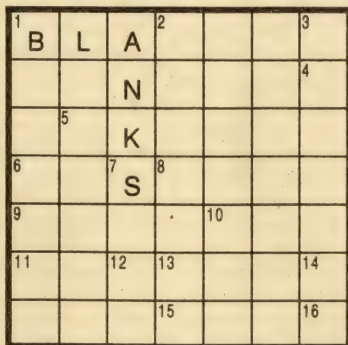
RightAngles #1—Beastly Doings ★★

- 1S LLAMA
- 2W RAM
- 3E MUTT
- 4N COT
- 4S COLT
- 5S AGO
- 6S MANDRILL
- 7N AUTO
- 8N LORD
- 9N MALLARD
- 10S COON
- 10W CAMEL
- 11E GORILLA
- 12S ORANG
- 13N FROG
- 14N GLEN
- 15N LION
- 15W LAND
- 16E WOLF
- 17W OWL
- 18N ALLIGATOR



RightAngles #2—Blankety-Blank ★★★

- 1E Fill in the ____ (6)
- 1S ____ Susan (5-4)
- 2E ____ weaving (6)
- 3S Hitch-____ (5)
- 4S "____ are the devil's playthings" (4, 5)
- 5N "Goodnight, Mrs. ____" (8)
- 6S "Tubby the ____" (4)
- 7W ____ good example (3, 1)
- 8E Alice ____ (4)
- 9E "It's no ____!" (3)
- 10S "____ you're feeling lonely..." (7)
- 11E ____ eagle (4)
- 12S Lemon-____ (4)
- 13N ____ machine (8)
- 14N Mississippi River ____ (5)
- 14S Jury ____ (4)
- 15N ____ Louise (4)
- 16W Salt Lake City, ____ (4)



CAUTION! YOU ARE APPROACHING

The World's Most Ornery Crossword Puzzle

The puzzle on this and the following pages has two sets of clues: "Hard" and "Easy." If you use only the Hard Clues (below, and beneath the diagram on the following right-hand page), you'll find this puzzle most challenging. But there's also a set of easier clues (on the following left-hand page). You may prefer to keep them hidden by folding this page on the dashed line, tucking this side under, and *then* turning the page. To peek or not to peek is up to you.

Answer Drawer, page 62

It's Your Move!

by Mel Rosen

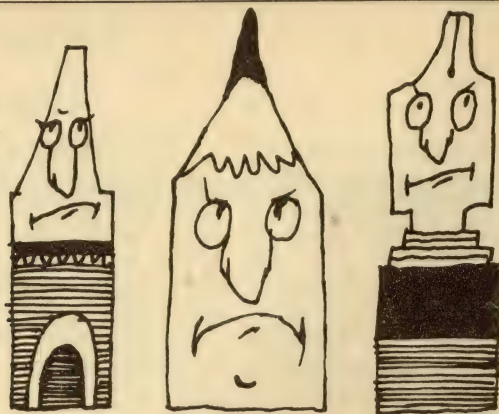
Hard Clues ★★★

ACROSS

- 1 They went "over the hill"
- 6 Wooden match
- 11 Rickenbacker and von Richthofen
- 17 Pale
- 22 Gentlemen of rank
- 23 Ms. Midler, etc.
- 24 Coin
- 25 Agree to disagree
- 26 Don Quixote
- 28 "Lobbyist" at a nightclub
- 30 Prefix for sphere or system
- 31 One on a rampage
- 32 They have reservations in Colorado
- 34 Neighbors of ulnae
- 35 Back talk
- 36 Add pyridine (to alcohol)
- 39 Afterward
- 41 Steve of the comics
- 42 MS. workers
- 43 Song in Saxony
- 44 In quicksand
- 45 Fuller's "baby"
- 46 Mil. reserves
- 48 Captured
- 51 Crackers
- 52 Nuclei
- 53 Leftists: Abbr.
- 56 Noisy, and then some
- 57 Canterbury clerics
- 60 Strive to equal
- 63 Besides
- 64 "Basin ____ Blues"
- 66 Penitents
- 67 The slammer
- 68 ____ Rohmer, Fu Manchu's creator
- 69 Cached
- 70 Iowa city
- 71 Glen's relative
- 72 Swift as can be
- 73 Refrain syllable
- 74 Looked into
- 77 Common people
- 80 Pianist
- 81 Templeton
- 81 Bomber "window"
- 82 Cantos
- 83 Pennsylvania port
- 84 Vigilant
- 85 "Trip" for a swelled head
- 86 African gulf
- 87 Endure
- 88 CCCXI plus CCXL
- 89 Comden's partner
- 91 Feed the kitty
- 92 Regulus
- 93 Throwing off stride
- 96 Wrest
- 97 They have old ties
- 100 Blocked a football play
- 102 Priestly garment
- 103 Memorize
- 104 Packed a cooler
- 105 Bristle
- 106 Opposite of "post"
- 107 Race with
- 108 Boring tools
- 109 45-degree joint
- 111 Flight components
- 113 Where Canberra is: Abbr.
- 114 Naval banners
- 116 Join the firm: Sl.
- 118 IBM's motto
- 120 Domestic of yore
- 121 De grâce and d' état
- 122 Mos. for ale "fests"
- 123 Ferns' foliage
- 124 Three, to a Tuscan
- 126 Formicary dwellers
- 127 Before the finals, in tournaments
- 129 Blue
- 130 Subjoin
- 133 ____ out (expand)
- 135 Venomous snake
- 136 Promenades
- 140 Sister of a "madre"
- 141 Colbert role in *It Happened One Night*
- 142 Curry
- 143 Island west of Maui
- 145 Lupino
- 146 Oklahoma Amerind
- 149 A princely sum?
- 153 Draw nigh
- 154 Went out of one's way
- 155 Fixes a jazzbow
- 156 Prefix for "sanct"
- 157 Musical symbols
- 158 Ancient ascetic
- 159 Toll
- 160 Lima laborers

DOWN

- 1 Interrogated
- 2 Shrink
- 3 Heavenly hunter
- 4 Part of a journey
- 5 Noise heard in a library
- 6 Margin
- 7 Raison d' ____
- 8 Galactic glow
- 9 Downing Street number
- 10 Crafty
- 11 Tooth that needs a dentist



The Easy Clues for the World's Most Ornerly Crossword Puzzle

Incorporating anagrams and other wordplay in *italics* following the clues. (Don't peek until you read page 41)

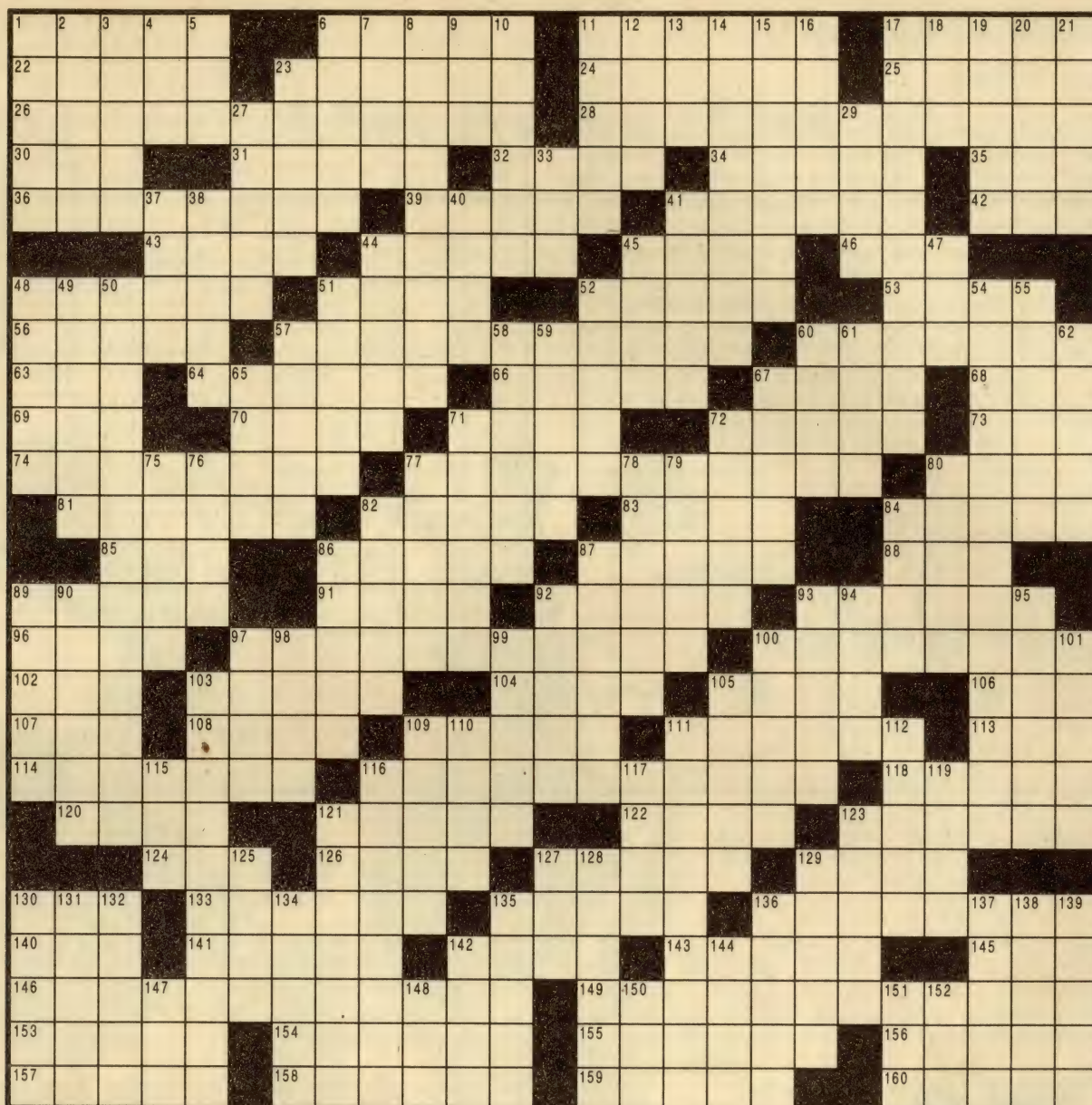
★

ACROSS

- | | | | | | |
|--------------------------------------|---|---|--|--|--|
| 1 No-show G.I.s | 68 Clarinet's relative, for short | 114 Navy officers | 2 Flinch | 52 Crab's claw | 101 Office furniture |
| 6 Roman goddess (<i>stave off</i>) | 69 Concealed | 116 Join the train: 3 wds. | 3 Constellation (<i>Nothing to twist iron with</i>) | (<i>pinch Elaine in the middle</i>) | 103 Milwaukee brews: 2 wds. |
| 11 Pilots | 70 Singer Ed | 118 Use your noodle | 4 One of three for a stool | 54 What a day-dreamer builds: 3 wds. | 105 Copies |
| 17 ____-mouthed (not sincere) | 71 "The Farmer in the ____" | 120 Slave of old (<i>seen weaving</i>) | 5 Quiet! | 55 Ogler | 109 Place for a silver spoon |
| 22 Ponies' papas | 72 Quickly | 121 Political takeovers | 6 Brink | 57 Medieval helmet (<i>Tamer? No, wilder!</i>) | 110 Little devils |
| 23 Actress Davis and namesakes | 73 ____ la la | 122 Fall mos. | 7 To be, in France (<i>get rest inside</i>) | 58 Dunne and Castle | 111 Jet setter |
| 24 Invent; produce | 74 Asked | 123 Palm leaves | 8 "Stella by ____" | 59 Pouts | 112 Play a guitar |
| 25 Debate | 77 Organization members: 3 wds. | 124 Uno, due, ____ | 9 X, to Caesar | 60 Relative of etc. | 115 Not external: Abbr. |
| 26 Medieval adventurer | 80 Sir ____ Guinness | 126 Picnic pests | 10 Sharp; shrewd | 61 Mickey and Minnie | 116 Gives up |
| 28 Cloakroom worker: 2 wds. | 81 Small tower | 127 Hwy. haulers | 11 Homophone for "acre" | 62 Precise; correct | 117 Broadway flop |
| 30 Conservationist's "logy" | 82 Ancient markings (confused <i>nurse</i>) | 129 Downcast | 12 Gershwin and Levin | 65 Weight allowance (amid <i>stares</i>) | 119 There's no place like it |
| 31 Furious one | 83 Cleveland's lake | 130 Put two and two together | 13 Out of the work force: Abbr. | 67 Worked for the CIA | 121 Dogs |
| 32 Colorado Indians | 84 Watchful | 133 Tree limb | 14 Coarse laceworks | 71 Orator Webster | 123 Natural talent |
| 34 Lines in a circle | 85 Self-esteem | 135 African snake (<i>I'm ambassador of the interior</i>) | 15 Natural gases (confuse <i>the sane</i>) | 72 This is ____ how-do-you-do: 2 wds. | 125 ____ Stanley Gardner |
| 35 Leo "The ____" Durocher | 86 Mediterranean port (<i>I stun Dizzy</i>) | 136 Shaded walks (<i>made Sal a mess</i>) | 16 Poor | 75 Egged on | 127 Your "Uncle" and mine |
| 36 Alter, as alcohol | 87 Custer's last ____ | 140 Aunt in Spain (or in <i>Croatia</i>) | 17 Being certain: 2 wds. | 76 Golf club | 128 Take off on a trip |
| 39 Sooner or ____ | 88 Roman 551 | 141 Little Eleanor | 18 Unit of work | 77 ____ fat (gain weight): 2 wds. | 129 Window material |
| 41 Grand ____ (Arizona landmark) | 89 Kermit's color | 142 Brush's mate | 19 Nimble, like Nadia | 78 Caught a butterfly | 130 How a golf pro should play a hole: 2 wds. |
| 42 McMahon and Wynn | 91 Poker stake | 143 Hawaiian porch (bending <i>a nail</i>) | 20 Sensational, as a headline | 79 Mild oaths | 131 Actress Keaton |
| 43 Told a fib | 92 Dull finish | 145 Potato state: Abbr. | 21 Puppy barks | 80 ____ a day's work: 2 wds. | 132 Coolidge's veep (<i>wades around</i>) |
| 44 Stuck in the mud | 93 Bothering one's composure | 146 American Plains dweller: 2 wds. | 23 Whiskers | 82 Talk continuously: 2 wds. | 134 ____ and kicking |
| 45 Rounded roof | 96 Tear into pieces | 149 Worth ____ (priceless): 3 wds. | 27 Aligned | 84 Woodworking tool | 135 French "world" (<i>demon rum</i>) |
| 46 O.K.s' opposites | 97 College chums, e.g. | 153 Lend ____: 2 wds. | 29 Offshoot: Var. (tossed a <i>coin</i>) | 86 Asian goats (disturb <i>trash</i>) | 136 Heavenly being |
| 48 Hung loosely, as trousers | 100 Fortified, old style (<i>send feed another way</i>) | 154 Swerved | 33 Kennedy or Mack | 87 Shiny fabric | 137 Studio 54, for example |
| 51 Crazy: Sl. | 102 Priest's tunic (change in <i>lab</i>) | 155 Fixes shoelaces | 37 Seaweed | 89 Cemetery plot | 138 Beautify |
| 52 Apple centers | 103 Live and ____ | 156 Holy: Prefix (<i>Cora's upset</i>) | 38 Stadium rows | 90 Fix up a coat | 139 Aegean island (<i>Is Amos beheaded?</i>) |
| 53 Relatives of Assns. | 104 Topped a cake | 157 Takes five | 40 Camel rider | 92 Micro's opposite (<i>carom wildly</i>) | 142 Normandy town (new sort of <i>cane</i>) |
| 56 Like an angry lion | 105 ____ good example (be admirable): 2 wds. | 158 Ancient Jewish sect (<i>lessened inwardly</i>) | 41 The C in U.S.M.C. | 93 Foul, as an odor | 144 Blue dyestuff (<i>one to nothing</i>) |
| 57 High-ranking clergymen | 106 Prefix's prefix | 159 Ring a bell | 44 Spices | 94 At a distance | 147 ____ "King" Cole |
| 60 Imitate | 107 Compete | 160 Peasants | 45 Entranceway | 95 Noun form of a verb | 148 Anger |
| 63 "____ many cooks..." | 108 Leatherworking tools | | 47 The sun | 97 Stitched | 150 Doll, friend of Barbie |
| 64 City road | 109 Hat worn by 57-Across (<i>timer gone haywire</i>) | | 48 Enjoy a hot tub | 98 Coolidge, et al. | 151 Cleo's undoing |
| 66 They're sorry | 111 Flights from floor to floor | | 49 Shoo, to Shake-speare (<i>O, in a train wreck!</i>) | 99 Small ones | 152 Scot's negative |
| 67 Mix | 113 Kangaroo land: Abbr. | | 50 Elizabeth I, to her subjects: 3 wds. | 100 Darlings | |
| | | | 51 Avarice | | |

DOWN

- 1 Popped the question



Answer Drawer, page 62

Hard Clues (cont.)

- | | | | | | |
|------------------------------|----------------------------|-------------------------------|----------------------------------|---|-----------------------------------|
| 12 George's lyricist, et al. | 33 Rock star Nugent | 60 Inclusive abbr. | 86 Himalayan animals | 111 "Four hundred" member | 132 1925 Nobel Peace Prize winner |
| 13 Soak flax | 37 Water flora | 61 Limburger lovers | 87 Cotton fabric | 112 Pluck | 134 What Molly cried, with "o" |
| 14 Knotted designs | 38 Pinafores | 62 Demand, as payment | 89 French accent | 115 Bank statement abbr. | 135 World, in Oise |
| 15 Dimethyls | 40 Sinai citizen | 65 Vetch | 90 Repair clothing | 116 Gives on a point | 136 Broadway backer |
| 16 Down at the heels | 41 Ballet "chorus" | 67 Participated in intrigue | 92 Large: Prefix | 117 Turkey | 137 Popular night spot |
| 17 Ascertaining | 44 Ceremonial staffs | 71 Moynihan | 93 Rank | 119 Scoreboard word | 138 Grace |
| 18 Metric unit of effort | 45 ____ die | 72 "____ Romance" (Kern song) | 94 ____ cry (much different) | 121 Teeth | 139 Site of Hera's temple |
| 19 Like a cartwheeler | 47 Hurok | 75 Supplied impetus | 95 Verb form | 123 Knack | 142 D-Day city |
| 20 Sallow; pallid | 48 Pose for Cézanne | 76 Mangle | 97 ____ up (finished) | 125 Perry's progenitor | 144 Indigo |
| 21 Cries of surprise | 49 Avaunt! Begone! | 77 Tend toward | 98 What dieters watch, for short | 127 "____, you made the pants too long" | 147 Styron's "confessor" |
| 23 Master chef James | 50 "Oriana" | 79 Words expressing annoyance | 99 Tiny amounts | 128 Commence | 148 Wrath |
| 27 Set straight | 51 A "deadly sin" | 80 Spent | 100 Honeyes | 129 Like Williams' "Menagerie" | 150 Understanding |
| 29 Grafting twig: Var. | 52 Pincerlike claw | 82 Two sentences in one | 101 Secretaries | 130 How many stocks are traded | 151 Horned viper |
| | 54 Isabella called it home | 84 Carpenter's tool | 103 Aged "suds" | 131 Steak ____ | 152 Denial in Aberdeen |
| | 55 Goggler | | 105 RBIs, ERA, etc. | | |
| | 57 Lid for Lancelot | | 109 Estuary | | |
| | 58 Papas, et al. | | 110 Not cherubs | | |
| | 59 Acts gloomy | | | | |

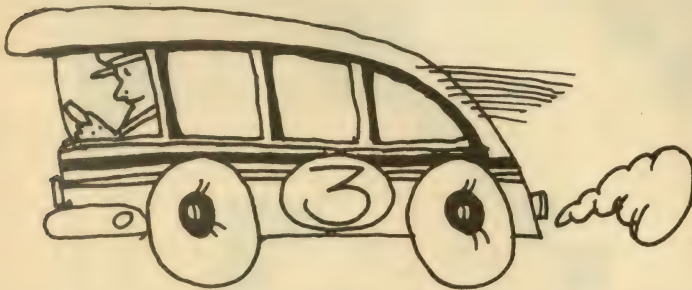
Busman's Holiday ★

by Mike Williams

When the Fairfield bus drivers had last Columbus Day off, they didn't go home and sit. They staged the Sixth Annual Downtown Bus Rally, with the help of the citizens of the city. The drivers started on Main Street on the north side of town, and picked up and discharged passengers according to the arithmetic problems shown, until they reached Main Street on the south. Each bus started with 3 passengers. At the first intersection, the drivers could either turn right and add 2 passengers to make 6 (wrong), or go straight and add 4 passengers to make 10 (wrong), or hang a left and add 3 passengers to make 6 (correct). So they turned left. Thereupon they could either turn right and double the 6 passengers to make 13, or go straight and triple the number of passengers to make 18. From your birds-eye view of downtown, can you plot the correct bus route within six minutes?

Answer Drawer, page 61

Answer Drawer, page 61



START

+	24 = 7	×	6 = 2	+	3 = 6	×	3 = 18	-	
40	<input type="text"/>		9	4	<input type="text"/>		2	7	
=		=		=		=		=	
6	<input type="text"/>	54	<input type="text"/>	10	<input type="text"/>	13	<input type="text"/>	11	
-	55 = 2	+	9 = 3	-	14 = 3	÷	12 = 6	+	
32	<input type="text"/>	12	<input type="text"/>	55	<input type="text"/>	42	<input type="text"/>	1	
=		=		=		=		=	
17	<input type="text"/>	66	<input type="text"/>	3	<input type="text"/>	6	<input type="text"/>	12	
+	6 = 11	÷	24 = 5	÷	7 = 36	-	48 = 4	×	
6	<input type="text"/>	3	<input type="text"/>	120	<input type="text"/>	52	<input type="text"/>	7	
=		=		=		=		=	
12	<input type="text"/>	8	<input type="text"/>	5	<input type="text"/>	12	<input type="text"/>	28	
×	2 = 24	-	15 = 9	+	115 = 3	+	112 = 4	×	
3	<input type="text"/>	5	<input type="text"/>	3	<input type="text"/>	40	<input type="text"/>	5	
=		=		=		=		=	
30	<input type="text"/>	3	<input type="text"/>	12	<input type="text"/>	8	<input type="text"/>	92	
-	14 = 6	×	2 = 6	-	7 = 5	×	6 = 34	÷	
				6					
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				0					

FINISH

The Blank of the Blank ★★

by David M. Glixon

Don't blame Larry, blame the victorious State U. basketball team. Larry, an English Lit instructor, celebrated the team's rare triumph with such insobriety that he began reciting *Paradise Lost* before the lights went out. Suffering a brainfogging hangover the next morning, Larry tried to type the reading list

for his freshman class, wearing an icepack for a hat. In the process, he hopelessly jumbled the parts of the titles and the authors' first and last names and didn't catch the errors until five minutes before the first class of the semester. Can you help him unscramble the list?

Answer Drawer, page 62

Answer Drawer, page 62

- A. *The Return of the Screw* by Lewis London
- B. *The Red Badge of the Mohicans* by Henry Hardy
- C. *The Grapes of the Sierra Madre* by Jack Fenimore Cooper
- D. *The Hunting of the Rings* by J. R. R. Wilde
- E. *The Last of the Native* by Stephen James
- F. *The Bridge of the Seven Gables* by John Hawthorne
- G. *The Call of the Snark* by Thomas Traven
- H. *The Turn of Dorian Gray* by James Carroll
- I. *The Treasure of the Wild* by Thornton Crane
- J. *The Lord of Courage* by Oscar Tolkien
- K. *The House of San Luis Rey* by B. Steinbeck
- L. *The Picture of Wrath* by Nathaniel Wilder

The Return of the Native by Thomas Hardy

This image shows a single sheet of cream-colored paper with horizontal ruling lines. The lines are evenly spaced and run across the width of the page. There are approximately 20 lines visible. The paper has a slightly aged or off-white appearance.

A Site For Sore Eyes

Those who participated in our "Execrable Shapes" marathon (September/October 1978) will remember the idea here. We've traced the outlines of states, countries, islands, a lake or two, one province, and parts and various combinations of these. The challenge is to name

the places, with or without atlas in hand (we recommend with). This time we have *not* turned the shapes, inverted them, or flopped them; we *have* enlarged them, shrunk them, colored them, overlapped them, and in general done our best to disguise them—without in any

way altering their basic forms. Some of the shapes may look easy. They are. Others will require very careful map work or an uncommon memory. Ten correct is top-notch; 20 is unrealistic; if you get all 30, there's probably a geography chair awaiting you when you recover.

Answers next issue.



PROMISES PROMISES.★

New Year's Resolutions Overheard in Hollywood

by Marilyn Beck

In a flush of enthusiasm for the new year, the luminaries on these pages have each resolved something relevant, rash, revealing, or ridiculous. Can you discern who vowed what?

Answer Drawer, page 59

- 1 "I resolve to weigh 150 by June 12, 1980—which is the date of my 25th anniversary. I want to give my wife a body she can buy clothes for. It's been her ambition to take me to Rome or Paris and buy me clothes—but the only thing that has fit me were the cravats."
- 2 "To come out of the closet as a born-again Christian. Religion has recently become very meaningful, very important in my life—and I have every intention of having it remain so."
- 3 "I'll try to get rid of about three or four of my different personalities and that'll bring it down to 25."
- 4 "To eat no more white sugar and to cut out desserts, coffee, and tea. They are narcotics and I can't stop using them. Also, to pray everyday at least once."
- 5 "I resolve to figure out a way I'm in bed with Robert Redford—and make sure we're both wide awake."
- 6 "Not to let my mouth write any checks my body can't cash. In other words, not to keep saying 'yes' to everything people keep asking me, because I just can't work that hard."
- 7 "I've made a resolution to continue to conserve energy. I think we all should do it and never go back to our wasteful ways. We owe it to future generations."
- 8 "To just keep going."
- 9 "I resolve to stop stapling my dog's ears together when he's naughty. I also resolve to give up nude skydiving in 1980."
- 10 "To act my age. I've played everything from a hillbilly to a gray-haired grandmother, and my resolution for 1980 is to talk Paramount or ABC—or someone—into letting me play a chic romantic role where I can literally let my hair down—and my spirits up."

Marilyn Beck is an internationally syndicated Hollywood columnist living in Beverly Hills.



BUDDY HACKETT





CHERYL LADD



LUCILLE BALL



PETER FRAMPTON



BOB HOPE



A Special Report on the Best New Electronic Games

BATTERIES NOT INCLUDED

by Bernie De Koven

Video Games: Freddie Silverman, Eat Your Heart Out!

Superman (around \$25), a new game cartridge for the Atari Video Computer System, is the most impressive breakthrough in the art of video game design this year. It's a simulated fantasy that carries video gaming beyond sports and logic into a promising new field of play.

The Atari system (around \$180, reviewed in *Games*, November/December 1978) still holds up as a high-quality, versatile unit with four-player capability. Its *Superman* is a computer art figure whose flight over the city of Metropolis is controlled by a single player or by two players in cooperation. First you fly down into a telephone booth and change into Clark Kent. Moments later, a bridge you are about to cross blows up, and you see Lex Luthor and his evil henchmen rushing from the scene of the crime. Racing against time, you must change back into Superman and maneuver yourself above the skyline of the city, pursuing Luthor and his cohorts, bringing them back and depositing them in jail. All this while using X-ray vision, gathering pieces of the bridge as you see them, and avoiding the deadly Kryptonite mines (whose paralyzing effects can be countered only by a video embrace from Lois Lane). Finally, resuming your disguise as Clark Kent, you search for the *Daily Planet* and return, mild-manneredly, to work.

Today we're playing *Superman*. Tomorrow... who knows?



A scene from Atari's *Superman* cartridge.

Mattel's **Intellivision** (around \$275) points the way to some refinements in the design and complexity of home video game systems. It is remarkably compact: the controls fit snugly into the machine and the cables coil back into their compartments when you finish playing. Intellivision comes with two controls (one per player), each complete with a keyboard, two different fire buttons (placed on both sides of the control for the convenience of left-handed players), a disc that acts as a joystick, and overlays for the 20 different game cartridges (around \$23 each) that are available. The three games we examined—Baseball, Basketball, and Las Vegas—were all rich in graphic detail, variety of sound, and complexity of options.

This, however, is only part of Intellivision's appeal. A keyboard option (around \$275) converts the system into a home computer with which you can do your income tax, practice speed reading, pursue a personalized course in physical fitness, etc., simply by inserting the pre-programmed cassettes (around \$30 each).

Hand-Held and Tabletop Challengers



Photos by Stan Fellerman

Clockwise from left: Microvision, Wizard, Game Machine, Atomic Pinball Arcade, Master Blaster, Wildfire.

Microvision (around \$50), by Milton Bradley, is a new kind of hand-held electronic game that may be a step towards a complete pocket version of the video systems. The Microvision screen is a 16 x 16 matrix of LCDs (liquid crystal diodes) which darken when activated, instead of emitting light. Blockbuster, similar to the popular arcade game of Breakout, comes with the game. Six other cartridges (Bowling, Connect Four, Vegas Slots, Phaser Strike, Pinball, and Mindbuster, around \$18 each) should be available by December. For Blockbuster you may select paddle width, slow or fast speed, and the choice of 1, 3, 5, 7, or 9 balls per game. The object is to aim the ball at a three-tiered wall of blocks that disappear as you hit them. After your first attempt to coordinate the varying shades of gray with the concepts of ball and paddle, you may find yourself pleased even to return the machine's serve.

Along with the introduction of LCDs (which don't use much power) to hand-held games, there are new and creative uses for good old, battery-eating LEDs (light emitting diodes). **Master Blaster** (around \$40), by Bambino, uses LEDs that are modified so that players aim their rockets at flying saucers floating downscreen, rather than at abstract points of light. The flying saucers, the flight of the rockets, and the explosions make for an engagingly vivid game of electronic skill.

The Game Machine (around \$70), by Waddington's House of Games, uses calculator-type LEDs and an impressive range of sound and light effects to provide a series of four games varying from the arcadelike excitement of a shooting gallery or auto race to blackjack and a version of Invicta's Electronic Mastermind. The machine is also a seven-digit calculator.

Wizard (around \$50), also by Waddington's, mimics two of last year's hand-held devices (see *Games*, November/December 1978): it looks strikingly like Milton Bradley's Simon (and plays a Match Me game that is nearly identical); and it has the variety of Parker Brothers' Merlin. However, it does use the familiar red LED dot to create some novel effects in its four games. Hot Corners is a quick reaction, soccerlike game for one to four players. Breakout, unlike other games of the same name, demands concentration and recall as players try to work

their way out of electronic mazes. Like Merlin, the Wizard has a music-making game; once you program a musical sequence, Wizard will replay it accompanied by an LED light show (which revived our interest in "My Old Kentucky Home").

Parker Brothers' **Wildfire** pinball game (around 160 quarters) is, at present, the ultimate statement of what can be done with LEDs. Though it takes some time to figure out just what all the dots and dashes do, you will hold in your hand a remarkably complex simulation of a genuine, full-scale, quarter-eating pinball machine. You have four flippers. You can give the ball just the right amount of oomph to make it drop down the center rollover chute. You can even give it English. And it tilts!

On the other hand, if you really want the noise and feeling of big machine action with a real ball, you should look into Tommy's **Atomic Pinball Arcade** (around 180 quarters). Its electronically activated bumpers and kickers transform a childish-looking, mechanically flippered toy into a satisfying game of tabletop pinball.

Electronic Pentathlon for Living Room Jocks



Left to right: *Football II*, *Soccer*, *Baseball 2*, *Head-to-Head Hockey*, *Basketball*.

Innovation in the use of LED displays and two-player action has led to the creation of some new directions for hand-held sports games. In Coleco's **Head-to-Head Hockey** (around \$40), the two-player electronic action often borders on physical frenzy. The newest feature provides two keyboard controls, one for each player. Thus, while the offense is busily engaged in maneuvering a puck from player to player, the defense is equally engaged in countermoving his defensive player and goalie. However, the nature of hockey being that possession of the puck frequently changes hands, and the nature of keyboards being that the offense controls are on one side and the defense on the other, we found ourselves rather manically occupied in spinning the machine back and forth.

Soccer (around \$30), by Entex, takes the two-player innovation one step further by simulating a full soccer field, with complete offense/defense controls for both players. Each player alternates between offense and defense as possession of the ball changes hands.

Baseball II (around \$35), also by Entex, allows the fielding team a set of detachable, and hence more easily hidden, pitching controls with some nice options (slider, knuckleball, etc.). But the team at bat also has an advantage: given a man already on first base, the batter can elect to have the runner try to steal second rather than swing at a pitch.

Football II (around \$30) and **Basketball** (around \$30), both by Mattel, are basically one-player games. Football II is a genuine improvement over its predecessor: the new controls allow a player to run in any direction and to pass the ball. These new features have raised the game of electronic football to yet another level of accuracy and complexity, without raising the price. Basketball, with its precise controls and computer-gen-

erated opposition, is not new this year, but remains the most engaging of the available hand-held basketball games.

Whodunits

by Sid Sackson



Stop Thief (left) and *Electronic Detective*.

Amidst this year's barrage of beeping, blinking, hand-to-eye coordination games, here are two for the player who would rather exercise his mind than his wrist. **Electronic Detective** (around \$40) from Ideal and **Stop Thief** (around \$30) from Parker Brothers both offer computer-generated crimes for players to solve—but in very different manners.

Basically, each game of *Electronic Detective* is a logic puzzle, and the machine can generate more than 130,000 of them to test your prowess at deductive reasoning—either solitaire or in competition with one or two other sleuths. The premise at the start of a game is that one of 20 characters has been murdered by one of the others in one of six locations. Each player in turn interrogates one of the 19 suspects, recording on his detective's fact sheet as much information as he can deduce. The skill lies in knowing which suspect to choose and which questions to ask, and in recognizing shortcuts in the deductive reasoning process used to solve the crimes. Luck does not play much of a role in this game.

On the other hand, luck is often a significant factor in *Stop Thief*, the first game to skillfully combine computer electronics with the traditional elements of a board game (dice, money, cards, etc.). Two to four players attempt to track down an invisible thief whose movement is controlled by the *Electronic Crime Scanner*. Each player in turn touches the "Clue" button and the sounds from the scanner indicate whether the thief walked across the floor, opened a door, broke a window, ran down the street, etc. The player then rolls the dice to determine how many spaces he may move his detective piece. By studying the sequence of sounds in connection with the positioning of doors, windows, and other board features, the invisible culprit usually can be located fairly quickly.

What *Stop Thief* lacks in depth of required deduction it more than makes up for in fun. It's the old-fashioned thrill of the chase, this time with an electronic fox who is clever indeed. From time to time he will get away—even when caught!

Welcome to Batteryland

As manufacturers promise, your game won't work right unless you've fed it with fresh (and expensive) alkaline batteries. Some games require two nine volts, some six AAs. Warranties vary slightly, all promising total service for normal failure within 90 days of purchase. Good features to look for: machines that let you know when you forget to turn them off; those with a jack for a standard adaptor pin; a battery cover that is easy to remove and close; and maybe even a volume control.

Bernie De Koven and Sid Sackson, both game designers, are Contributing Editors to Games.

SEMI-TOUGH

by Bruce Jolesch and Curtis Slepian

Team, this is a character-building quiz. Sure, some questions may take funny bounces, but it's all part of the game when you're playing for the coveted title of Pigskin Ph. D. Now go out there and score a 20!

Answer Drawer, page 59

1 All of the following bowl games were held except the

- a) Arab Bowl
- b) Potato Bowl
- c) Bell Pepper Bowl
- d) Spaghetti Bowl

2 A 1968 contest between the Oakland Raiders and New York Jets has been dubbed the "Heidi" game. Why?

- a) The network interrupted an exciting game in order to broadcast *Heidi*.
- b) Because of the nonviolent, lethargic play by both sides.
- c) The halftime show paid special tribute to this children's classic.
- d) The game was played in memory of Dick "Heidi" Butkus.

3 The "Kansas Cyclone" was better known as

- a) Gale Sayers
- b) Toto
- c) Dwight D. Eisenhower
- d) O. J. Simpson

4 What was the first AFL team to beat an NFL team in the Super Bowl?

- a) Baltimore Colts
- b) Kansas City Chiefs
- c) Brooklyn Dodgers
- d) New York Jets

5 A football is stitched together from how many pieces of material?

- a) One
- b) Two
- c) Four
- d) None: it grows out of the ground whole, much like a gourd.

6 Which famous quarterback was cut by his first pro team?

- a) Bart Starr by the Green Bay Packers
- b) Johnny Unitas by the Pittsburgh Steelers
- c) Dante Alighieri by the New Orleans Saints
- d) Y. A. Tittle by the New York Giants

7 Name the player who ran 60 yards the wrong way with a fumble to give San Francisco a safety in 1964.

- a) Jim Marshall
- b) Roy Riegels
- c) "Wrong Way" Corrigan
- d) Alan Page

8 Which Supreme Court Justice once played for the Pittsburgh Steelers?

- a) Thurgood Marshall
- b) Abe "Big Daddy" Fortas
- c) John Henry Johnson
- d) Byron "Whizzer" White

9 Which U.S. President militated against football brutality?

- a) Theodore Roosevelt
- b) F.D.R.
- c) Herbert Hoover
- d) Gerald Ford

10 President Nixon once said, "You are the champion because you played to win and not to tie." To whom was he referring?

- a) The Washington Redskins after their Super Bowl effort against the Miami Dolphins
- b) The U.S. Army in Vietnam
- c) The University of Texas, after beating Arkansas to retain its top ranking
- d) John Mitchell

11 The Canadian Football League's championship game is named

- a) The Frost Bowl
- b) The Stanley Cup
- c) The Grey Cup
- d) The Québécois Bowl

12 One of the following is a correct all-time pro record for inept quarterbacking:

- a) Fewest total pass completions (1)—Garó Yepremian
- b) Most Sunday mornings waking up in wrong hotel room (13)—Joe Namath
- c) Most interceptions (171)—Joe Namath
- d) Most fumbles (105)—Roman Gabriel



13 Who was the first soccer-style kicker in pro football?

- a) Pete Gogolak
- b) Kyle Rote, Jr.
- c) Jan Stenerud
- d) Pelé

14 In the 1934 championship game against the Chicago Bears, the New York Giants wore sneakers. Why?

- a) The coach's brother-in-law, a sneaker wholesaler, gave them a good buy.
- b) To provide better traction on a frozen field.
- c) Someone stole their regular football shoes.
- d) The owners didn't want the Polo Grounds' turf torn up by cleats.

15 Knute Rockne supposedly originated what immortal phrase?

- a) When the going gets tough, the tough get going.
- b) Absolute power corrupts absolutely.
- c) Winning isn't the most important thing, it's the only thing.
- d) Win one for the Gipper.

16 How wide is an American football field?

- a) The length of the field $\times 2 \div 3$
- b) 100 meters
- c) $53\frac{1}{3}$ yards
- d) It varies with each stadium

17 A quarterback completes a 20-yard pass from his own end zone, but the officials rule a safety on the play. What happened?

- a) Howard Cosell demanded a closer Monday Night game.
- b) An attempted pass from behind the goal line is an automatic safety.
- c) The offensive tackle was observed holding in the end zone.
- d) The quarterback committed a personal foul after the play ended.

18 What college or pro team holds the record for the longest undefeated streak—63 straight games?

- a) Washington University
- b) Miami Dolphins
- c) Slippery Rock State College
- d) University of Oklahoma

19 Eddie LeBaron of the Dallas Cowboys threw the NFL's shortest touchdown pass. How far did it go?

- a) Two inches
- b) One foot
- c) One yard
- d) One silly little millimeter

20 The Ivy League produced which stellar player?

- a) William F. Buckley, Jr.
- b) Willie Brown
- c) Calvin Hill
- d) Yale Lary



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A GAMES CONTEST

★★

Balderdash I. II. and III.

A .-	B -....	C -.-.-	D -..	E .	F ...-	G --	H	I ..	J -.-.-	K --	L	M --
N --	O ---	P -.-.-	Q -.-.-	R ...-	S ...-	T -	U ...-	V	W -.-	X -.-.-	Y -.-.-	Z -.-.-

INTERNATIONAL MORSE CODE

Enter Any or All of these Morse Code Contests

Three Grand Prizes The winner of each contest will receive a Motobecane "50VLC" Moped.

Twelve Honorable Mention Prizes The four runners-up in each contest will receive a *Games* T-shirt.

I Broken Record

Most dots in a row,
most dashes in a row

Consider the International Morse Code equivalents for the words GOOD and SHAPE:

G O O D
-.-. / -.-. / -.-. / -.-.
S H A P E
... / ... / .- / -.-.- / .-

The code equivalent for GOOD, as it happens, contains a string of seven dashes in a row, while the code equivalent for SHAPE contains a string of eight consecutive dots.

We were wondering just how long a string of dots, and just how long a string of dashes, ever occur in the Morse Code equivalent of an English word. The object of this contest, therefore, is to find *two* words: one word which, when written in Morse Code, will contain the longest unbroken string of dots; and one word which, in Morse Code, will contain the longest unbroken string of dashes. Your entry will score one point for each dot in the unbroken string of dots, and one point for each dash in the unbroken string of dashes; the entry with the highest combined score wins. For example, if your entry consisted of GOOD/SHAPE and the Morse Code equivalents shown above, you would score seven points for your "dash word" (GOOD) and eight points for your "dot word" (SHAPE), for a total of 15 points.

Ties will be resolved in favor of the entry having the dot or dash word that comes first alphabetically. If there is still a tie, alphabetical order of the other word on the entry will decide. Any remaining ties will be broken by random drawing.

II Twins

Longest sequence of dots/dashes
standing for two
(or more) different words

Consider the International Morse Code equivalents for the words AX and PET:

A X P E T
.- / -.-.- .-.-.- / . / -

Both sequences of dots and dashes, as it happens, are identical, yet they represent two different words according to where the breaks separating the letters occur.

We were wondering just how long a string of dots and/or dashes could be assembled that, depending on where the letter breaks occurred, would stand for two (or more) different English words. The object of this contest, therefore, is to come up with two different words which, when written in Morse Code, are represented by the exact same sequence of dots and/or dashes. Your entry will score one point for each dot and one point for each dash in the sequence; and the entry with the highest score wins. For example, if your entry consisted of AX/PET and the Morse Code equivalent shown above, you would score six points, since there are a total of six dots and/or dashes in the sequence.

Ties will be resolved in favor of the entry naming the word that comes first alphabetically. If there is still a tie, alphabetical precedence of the other named word on the entry will decide. Any remaining ties will be broken by random drawing.

III Palindromes

Longest palindromic
sequence of dots/dashes
standing for any word

Consider the International Morse Code equivalent for the word FIRE:

F I R E
...- / .. / -.-. / .-

This sequence of dots and dashes, as it happens, has the unusual property of being palindromic—that is, if the letter breaks are ignored, it reads the same forward as it does backward.

We wonder how long a string of palindromic dots / dashes could be assembled that would still be the Morse Code equivalent for some English word. The object of this contest, therefore, is to come up with a single word which, when translated into Morse Code, yields the longest possible palindromic sequence of dots and/or dashes. Your entry will score one point for each dot and one point for each dash in the sequence; the entry with the highest score wins. For example, if your entry consisted of FIRE and the Morse Code equivalent shown above, you would score ten points, since there are a total of ten dots and/or dashes in the sequence.

Ties will be resolved in favor of the entry naming the word that comes first alphabetically. Any remaining ties will be broken by random drawing.

Rules

International Morse Code as shown at left is to be used in all three contests.

All words used in these contests must appear in *Webster's Third New International Dictionary* (Unabridged) as single, unabbreviated, nonhyphenated, noncapitalized words, and they must either be listed in the main body of that dictionary—whether as main entries, inflected forms such as plurals or verb tenses, or derivative words listed in boldface under main entries—or be clearly implied from the rules of Section 4 of the Explanatory Notes. Words appearing only in the Addenda, which varies from one printing to another, are not acceptable.

You may enter any or all of these contests as often as you wish, but each entry must be mailed separately and must be addressed to either Balderdash I, Balderdash II, or Balderdash III. **IMPORTANT:** Write your score on the back of the envelope in which you are submitting an entry. Entries must be received no later than February 1, 1980. All entries become the property of *Games Magazine*. No submissions will be returned.

Balderdash I

(a) Number of dots in a row _____
English word _____
Morse Code equivalent _____

(b) Number of dashes in a row _____
English word _____
Morse Code equivalent _____

Score (a + b) _____
Name _____
Street Address _____
City _____ State _____ Zip _____

Balderdash II

Morse Code sequence _____

English words _____

Score (total number of dots and dashes in the sequence) _____
Name _____
Street Address _____
City _____ State _____ Zip _____

Balderdash III

Morse Code sequence _____

English word _____

Score (total number of dots and dashes in the sequence) _____
Name _____
Street Address _____
City _____ State _____ Zip _____

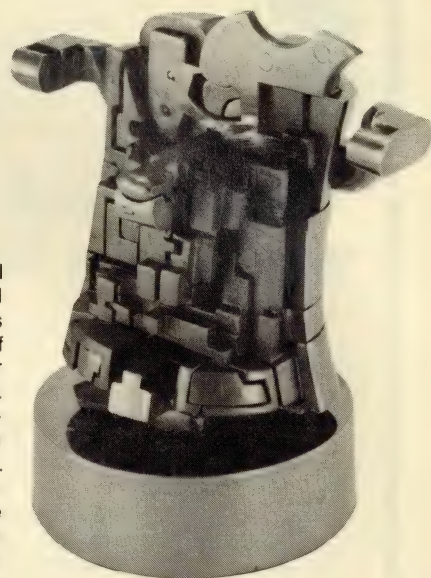
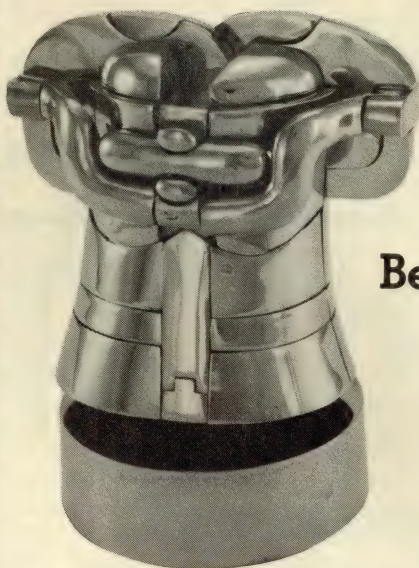
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Berrocal Puzzle Sculpture

Beautiful, Baffling Brass



The unique metal sculptures of Miguel Berrocal are composed of many individually sculpted elements interlocked together in an ingenious manner. Assembled, they are beautiful works of art, worthy of gracing the collections of major museums and art collectors all over the world. When disassembled, they become exquisitely intricate mechanical puzzles, challenging enough to test the ability of the most dedicated puzzle fan.

Richelieu, pictured above, represents a stupendous achievement of the human mind. The interior is a dazzlingly logical architectonic jungle. Its 60 individual elements are assembled or disassembled in an almost immutable sequence. From start to finish, no element can be removed until the immediately preceding one has been taken away. The sculpture can be displayed in an almost infinite number of stages, proving its owner with a constantly changeable work of art.

With each Berrocal sculpture the artist has provided a handsome hardcover book of instructions. Every element, highlighted in color, has a separate page clearly showing its position in the context of the complete sculpture. Obviously, the mysteries of a Berrocal sculpture are more fun to explore without the instructions, but in the event you become lost in their mazes, it is as if Berrocal, himself, were by your side, leading you by the hand until it is once again reassembled. A Berrocal original invites you literally to join the artist in the act and mystery of artistic creation.

Berrocal has ascended rapidly through the ranks of internationally known artists and is now recognized as the most important living Spanish sculptor and one of the true giants of twentieth century art. His signed and numbered, limited edition works boast a history of consistently skyrocketing appreciation as each edition approaches exhaustion. They are one of the most exciting values in art today, for collectors, investors and puzzle addicts.

Martin Gardner, Mathematical Games Editor of *Scientific American* said of Berrocal: "It is impossible to appreciate the unique combination of values in Berrocal's sculpture—visual beauty, tactile pleasure, humor and the intellectual stimulation of a three-dimensional puzzle—until one has taken a Berrocal apart and put it back together several times." Clearly, they are more fun to own than the works of any other artist we know of.

Learn more about the astonishing puzzle sculptures of Berrocal. Send the coupon below with \$1.00 for 14 page color brochure describing 21 Berrocal sculptures in a wide range of prices, plus a complete reprint of Martin Gardner's article in *Scientific American* and complete ordering information.

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Third Annual American Crossword Puzzle Tournament

**Stamford/Marriott Hotel • March 7-9, 1980
CROSSWORD PUZZLE TOURNAMENT**

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CONTEST RESULTS

Molish Jokes and Son of Chimp

Long Time No See

We had to burrow through more than 10,000 jokes before selecting a winner in our "Molish Jokes" contest (September/October, page 67). The effort took us through a shaggy mole story, a moletiple choice exam, and a number of frequently duplicated punchlines—M-O-L-A-I-D-S, Totem moles, Three Mole Island, Molière, Burrowcrats, Blind dates, Mole 'n Collie Babies, and Molasses (the butt of a wide variety of jokes).

We finally surfaced, and awarded Mrs. Susan Zivich of Richton Park, Illinois, the grand prize of round trip passage for two to Moland, Minnesota. Her winning joke:

Q. What are two occupational hazards of moles?

A. Trench mouth and tunnel vision.

As it turns out, Moland (located in the southeast corner of Rice County) has, like its namesakes, bitten the dust—all that's left since the creamery shut down is a church, four or five families, and an undetermined number of moles.

Bon voyage, Mrs. Zivich, and a traditional *Games* T-shirt to each of the readers who sent in an Honorable Mention effort.

—J.A.

Q. What is the favorite magazine of mole housewives?

A. *Better Holes and Gardens*.

Robert Griffin, Anchorage, Alaska

Q. Why aren't molish team sports popular?

A. Moles only root for themselves.

W. F. Morris, Erie, Pennsylvania

Q. What do you call the lifestyle of a mole who lives in a field of salad seasonings?

A. Living on burrowed thyme.

Chuck Igou, Anchorage, Alaska

Q. Why does the mole oppose the metric system?

A. He heard it would do away with yards.

Jerry Bell, Bardwell, Kentucky

Q. What do you get when you mate a mole with a steer?

A. Ground beef.

Daryll Fickling, N. Brunswick, New Jersey

Q. What do the common moles call the ruling class of moles?

A. A bunch of molarthy.

Patrick Hurst, Peoria, Illinois

Q. What is the difference between a mole journalist and a mole tailor?

A. None, they both work with an underground press.

Alex Dunne, Sayre, Pennsylvania

From Sugarhouse to Slaughterhouse

The object of "Son of Chimp" (September/October, page 25) was to find the 20 longest words "entwined" in the grid:

L S C I A N A
I A U T O T E
C H E G H T S
O A C A P E U
T L A M R O R
C I E D H C A
O N G O N I S

Words could be formed by moving from letter to adjacent letter in any direction, but the same letter position could not be used more than once in a given word. Twenty-eight contestants out of the nearly 7,000 who entered achieved a top score of 2,991, and their solutions varied only in their choices of 10-letter words. (Some higher-scoring entries were disallowed, because they contained words either not found in the grid or not listed in *Webster's Third*.) The winner, drawn randomly from among the entries that tied for first, is Kyle Corbin of Raleigh, North Carolina. He will receive first prize of Bally's Captain Fantastic Pinball Machine. Honorable Mention prizes of *Games* T-shirts go to the following contestants, also chosen by drawing from those entries that shared the top score: Carl Friedrichs of Williamstown, Massachusetts; Ralph Kusnitz of Marblehead, Massachusetts; Fred Piscop of Lindenhurst, New York; and Michael Wolfberg of Concord, Massachusetts. —R.W.S.

The Winning Entry

Word	Letters	Score
SUGARHOUSE	10	100
RHINOGENIC	10	100
ACETONATES	10	100
PROCRUSTEAN	11	121
OCTAACETATE	11	121
SARCOPHAGUS	11	121
SLAUGHTEROUS	12	144
CARCINOGENIC	12	144
SLAUGHTERMEN	12	144
OCTAACETATES	12	144
INCRUSTATION	12	144
PHARMACEUTIC	12	144
STENOTHERMAL	12	144
MACHICOLATING	13	169
MACHICOLATION	13	169
PHARMACEUTICS	13	169
SLAUGHTERHOUSE	14	196
PHARMACEUTICAL	14	196
TATTERDEMATION	14	196
PHARMACEUTICALS	15	225

2,991

WORDROW

Geography Made Easy?

by Dmitri A. Borgmann

Examine, if you will, the following sentence. Notice anything unusual about it?

THE WEARY LUMBERJACK ALWAYS TOOK
A PINK GLASS FROM THE CUPBOARD.

What is remarkable about this sentence is that it conceals within it the names of seven different mammals: EWE, JACK (a male donkey), JACKAL, OKAPI, LASS (a female human), ASS, and BOAR.

Finding hidden words has been an intriguing diversion for many years. Today, we propose to put this sport to a practical use, as a mnemonic device.

Many of us may painfully recall being required to memorize the names of the 50 United States and their capitals, from Montgomery, Alabama, to Cheyenne, Wyoming. To make the burden of memorizing them more bearable, let us construct 50 mnemonic sentences, each one featuring both a hidden state name and the corresponding hidden capital. For example: "AL, ASK Anne and JUNE A Useful question!" On the positive side, the sentence is a reasonably natural one, and it is grammatically impeccable. On the negative side, it uses three proper names. Aesthetic principles make us strive for sentences in pure English, untainted by proper names, even though this is often impossible. More regrettably, however, the sentence puts the state before the city.

At this point, we call upon *your* talents. For how many of the 50 states can you construct mnemonic sentences? The specifications for each sentence are:

1. It must use no fewer than 7 and no more than 11 words, for conciseness and for good luck.
2. The name of the capital must precede, not follow, the name of the state, unlike the order used in the example.
3. The sentence should be written in correct English.
4. It should contain as few proper names, initials, abbreviations, and coined words as possible.

When you run out of steam, compare your deathless prose with ours, and see which set of sentences you like better. ☐

Answer Drawer, page 64

Dmitri A. Borgmann is the author of three books on wordplay. His articles appear in Word Ways, The Journal of Recreational Linguistics.



The Game Invented on the Seat of a Tractor

But a game you don't need a tractor to play. THE FARMING GAMETM. When were you last pitted against: roller coaster markets, drought, insects, epidemics, or that mud hole in the bull's pen?

In THE FARMING GAMETM you inherit 20 acres of good land from your family—not a big enough place to make a living, but a foothold in the future.

You are the Farmer, plunked down on the gaming track at Christmas Vacation. Roll and move. Hope to get in the fields early this year. Your corn planted on time, doubles its tonnage: \$ \$. Land in Hay Harvest first. Come on Dice . . . Baby needs a top price and yield! Should you buy that orchard? or stick with grain farming? There's some summer range available to lease, if your luck holds. Build that weekend ranch into one high powered outfit so you can shuck that town job!

THE FARMING GAMETM is a set that includes: a full color 24" x 22" folding board on which is a map of a quite real valley framed by the gaming track, Farmer's Fate Cards, Options to Buy, Dice, our own play money (\$100 the smallest denomination), Bank notes, Acreage plots, machinery, and your marker: the Weekend Farmer himself.

This game can be played by anyone who can make change. THE FARMING GAMETM has enough acreage for up to 6 players. No two years are the same, see if you've got what it takes to make a Farmer. Farm for an hour or two. We've bet the ranch you'll like it. This winter cut your hay while the snow flies.

THE FARMING GAMETM is comprised of quality U.S.A. made parts, assembled and packaged by Goodwill Industries of Oregon. You will be satisfied, otherwise your purchase refunded. Buy direct from the farmer. (order early to insure Christmas delivery)

THE WEEKEND FARMER CO. P.O. Box 896, Goldendale, Wn. 98620

name _____

address _____

city _____ state _____ zip _____

Please send me _____ games @ \$9.75 _____

shipping and handling: @ \$2.40 _____

(\$.60 each additional game) _____

Wn. residents add 5% sales tax _____

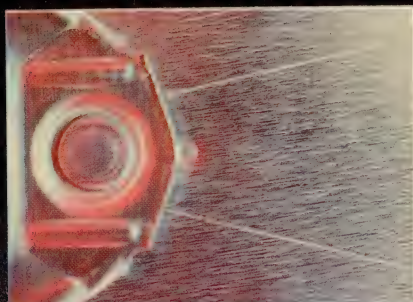
total enclosed _____

G

E Y E B A L L B E N D E R S

WHAT ARE THESE OBJECTS?

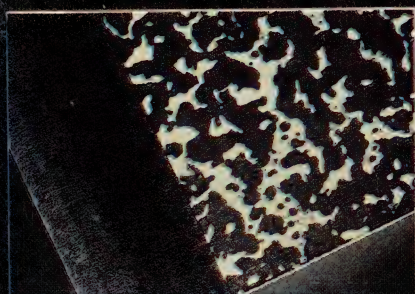
SEE THE ANSWER DRAWER ON PAGE 64.



1. Just for openers



2. Sounds sinful



3. Write-in candidate



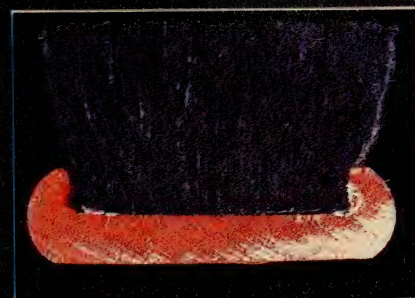
4. House warming



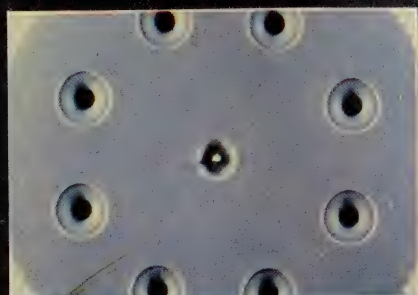
5. Chinese entree?



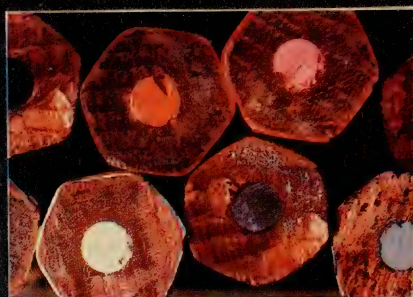
6. You floor me



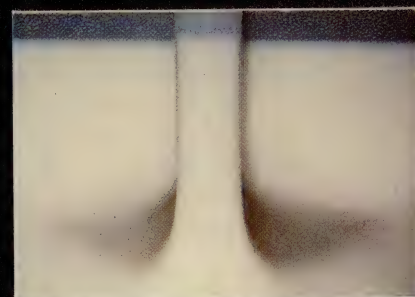
7. Across the board



8. Angel duster?



9. Leadbelly



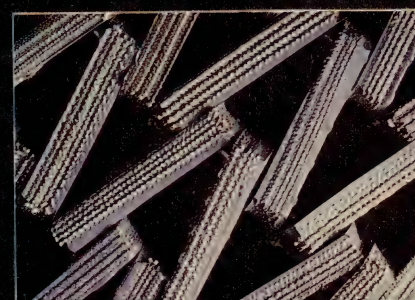
10. Udder success



11. S Muff n



12. T'anks a lot



13. A welcome sight

Photos by Jane Limbacher

Latest Smoker Research Just In:
MERIT undisputed victor over leading high tars
in tests comparing taste and tar level.

Smokers Prefer Merit 3 To 1!

**Smokers find the taste of low tar
MERIT matches that of high tar cigarettes.**

New taste-test results prove it.

Proof: A significant majority of smokers rated MERIT taste as good as—or better than—leading high tar brands. Even cigarettes having twice the tar!

Proof: Of the 95% stating a preference when tar levels were revealed, 3 out of 4 smokers chose the MERIT low tar/good taste combination over high tar leaders.

**MERIT smokers rate low tar
MERIT satisfying taste
alternative to high tar brands.**

New national smoker study results prove it.

Proof: The overwhelming

majority of MERIT smokers polled felt they didn't sacrifice taste in switching from high tar cigarettes.

Proof: 96% of MERIT smokers don't miss former high tar brands.

Proof: 9 out of 10 enjoy smoking as much since switching to MERIT, are glad they switched, and report MERIT is the best tasting low tar they've ever tried!

You've read the results. The conclusion is clearer than ever: MERIT delivers a winning combination of taste and low tar.

A combination that seems to be attracting more and more smokers every day and—more importantly—satisfying them long term.



MERIT

Kings & 100's

Warning: The Surgeon General Has Determined
That Cigarette Smoking Is Dangerous to Your Health.

Kings: 8 mg "tar," 0.6 mg nicotine—
100's: 11 mg "tar," 0.7 mg nicotine
av. per cigarette, FTC Report May '78



"The chair? Hand-me-down love.
From Mom, to me, to you."

Reach out. Reach out and touch someone.

Your sister's big day is only weeks away. You've always been close. And when you found out you couldn't make that shower, you knew it could spoil her day. So you call, and a family heirloom changes hands. With love. Wonderful, isn't it, how a simple phone call from far away can make everything just great. Reach out and touch someone who's waiting to share her day.



Bell System

ANSWER DRAWER



Page 7 Letters

You Won't Solve This with Ease The cipher translates into a plain text puzzle: "How quickly can you find out what is so unusual about this paragraph? It looks so ordinary that you would think that nothing was wrong with it at all, and, in fact, nothing is. But it is unusual. Why?"

"With profound admiration for your publication, I am cryptographically and companionably yours."

The answer to the puzzle: the plain text omits the letter "e."

16 EYE Q TEST

(from left to right)

Foreground

Quiche
Queen Anne's lace
Quarter hour
Queen
Quill
Quince

Nestle's Quik
Gentleman's Quarterly
Q-tips
Quartz
Anthony Quinn
Quilt

Middle Distance

Quiver
Queue
Don Quixote
Quadrupeds
Quotation marks
Question mark

Quoits
Quasimodo
Quay
Quaker
Quarry
Quicksand

Background

Quarantine
Quetzal
Qantas
Quonset hut
Quartet
Quarter notes

Capt. Queeg
Quarter moon
Quarterback
Quail
Quarter

You may also have listed the quotation as well as the quotation marks, the question and the querist as well as the question mark, the quarryman in the quarry or the quilting in the quilt, the billiard cue (derived from the French, Queue), etc., etc. We considered these mere quibbles.

46 Promises, Promises

- | | |
|-------------------|-------------------|
| 1. Buddy Hackett | 6. Cheryl Ladd |
| 2. Burt Reynolds | 7. Lucille Ball |
| 3. Peter Frampton | 8. Bob Hope |
| 4. Muhammad Ali | 9. Phyllis Diller |
| 5. Joan Rivers | 10. Marion Ross |

13 Clue

- | | |
|-------------------|--------------------|
| Professor Plum #1 | Colonel Mustard #4 |
| Miss Scarlett #2 | Mr. Green #5 |
| Mrs. Peacock #3 | Mrs. White #6 |

10 1980 or Bust

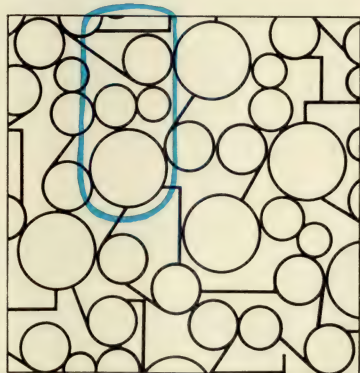
Sequences

- 2000 (The increments grow by fours.)
- 8019 (Years use only the digits of 1980.)
- 1981 (Numbers also read as numbers when turned upside down.)
- 1991 (Difference between first two digits is equal to difference between last two digits.)
- 1998 (Sum of digits divides evenly into the year.)

Magic Square

1	9	8	0
9	8	0	1
8	0	1	9
0	1	9	8

Can You Find 1980?



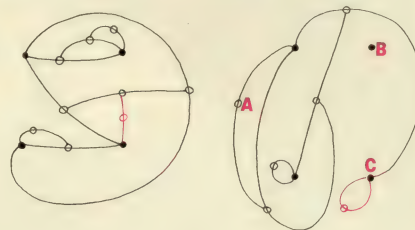
50 Semi-Tough: Football Trivia

- c. Bell Pepper Bowl. (The other bowls were played by armed forces teams in Algeria, Ireland, and Italy, respectively.)
- a. The network interrupted the game to broadcast *Heidi*.
- c. Dwight D. Eisenhower (he earned the nickname in 1912).
- d. New York Jets.
- c. Four.
- b. Johnny Unitas.
- a. Jim Marshall.
- d. Byron "Whizzer" White.
- a. Theodore Roosevelt.
- c. The University of Texas.
- c. The Grey Cup.
- d. Most fumbles (105)—Roman Gabriel.
- a. Pete Gogolak.
- b. To provide better traction on a frozen field.
- d. Win one for the Gipper.
- c. 53 1/3 yards.
- c. The offensive tackle was holding (an offensive penalty in the end zone during a play is an automatic safety).
- a. Washington University (59 wins, 4 ties, from 1907 to 1917).
- a. Two inches.
- c. Calvin Hill (from Yale).

39 Sprouts

First Problem: The winning play is shown in red.

Second Problem: The line shown in red is the winning play. (You could also win by linking C to itself by drawing a loop around the entire figure.) If you connect A to B instead, your opponent wins by connecting B to C; and if you connect B to C he answers with A to B. If you connect A to C along the bottom, your opponent connects the new spot to C on the outside. (If you connect A to C around the top, your opponent connects the new spot to C on the inside.) If you loop from B to B, your opponent connects the new spot to B on the inside. (If you loop B to B by circling the figure, your opponent connects the new spot to B on the outside.) If you loop C to C by going around B, your opponent connects the new spot to A.



28 You're Invited to a Party

Word List:

- T-shirt (thirst)
- Tenderly (tender + lady — ad)
- Emancipate (meat pie can)
- Tattoo (tat + too; a tattoo will often say "Mom")
- Agents (a + gent's)
- Identity (I + dent + it + y)
- Brushed off (bed + rush + OFFend)
- Cool Hand Luke (cool + H + and + luke; "hot" on a faucet is commonly designated H)
- Twentieth (tithe went)
- Agave ('ag + 'ave)
- On top of the world (on + top + off + he + whirled)
- Vignettes (test given)
- Overthrown (over throne)
- Cleave (C + leave; "cold" on a faucet is commonly designated C)
- Toothache (hatchet + OO)
- Ostriches (most — m + riches)

Message:

To discover the activity planned for the evening, you will have to read the second letter of each of the answers to the clues, starting at the bottom and working to the top: SOLVING WORD GAMES.

36 Spygrams

- Spy in Focus.** Please come at once. (Last letter of each word)
- Personal.** Bring the carriage at two this evening, John. I love you. (Ignore numbers and all Xs)
- Grocery List.** Dynamite bridge tonight. (Letters in third column down—first D in pudding, Y in fryer, etc.)

Acknowledgments to The Codebreakers by David Kahn for historical notes.

fast-food



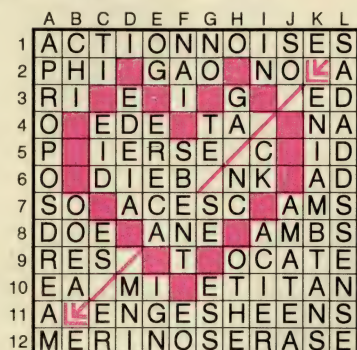
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America's best-selling dictionary does more than define words. It brings the language to life and life to the language. With 150,000 words, including 22,000 new entries, you'll get a taste of "fast-food" instantly, feel an affinity for "clone," and experience the delirious world of "disco." "Dictionary" never meant so much. Just \$11.95. A fine gift. Merriam-Webster Dictionaries, Springfield, MA 01101.

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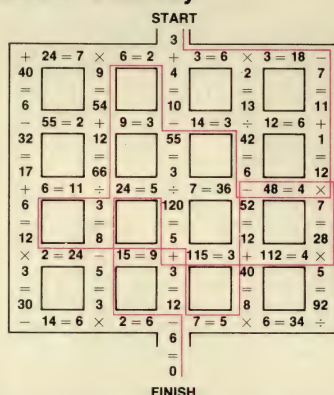
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21 Picturegram



L = **U** = **V** =

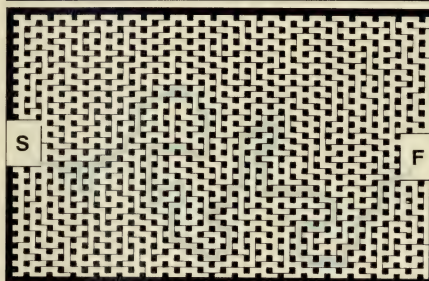
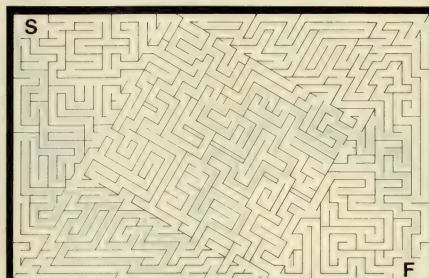
44 Busman's Holiday



24 On with Their Heads!

- | | | | |
|------|-------|-------|-------|
| 1. B | 6. H | 11. R | 16. M |
| 2. L | 7. E | 12. J | 17. F |
| 3. O | 8. A | 13. N | 18. T |
| 4. C | 9. D | 14. G | 19. I |
| 5. K | 10. S | 15. Q | 20. P |

40 Modern Mazes



27 Secret of the Pyramids

Some curious markings at the foot of the Great Pyramid have given me the idea that the largest blocks were raised by flotation.

23 Oy, A Quiz!

- | | |
|-------------------|----------------|
| 1. Ahoy | 11. Illinois |
| 2. Bolshoi | 12. Tolstoy |
| 3. Corduroy | 13. Life buoy |
| 4. Doughboy | 14. Iroquois |
| 5. Kilroy | 15. Viceroy |
| 6. St. Croix | 16. Savoy |
| 7. Convoy | 17. Cowboy |
| 8. <i>Playboy</i> | 18. Killjoy |
| 9. Korchnoi | 19. Envy |
| 10. Decoy | 20. Hoi polloi |

22 Wackier Wordies

- | | |
|-------------------------------|---|
| 1a Eggs over easy | 4d Mixed metaphor |
| 1b Trafalgar Square | 4e What goes up |
| 1c <i>Twice-Told Tales</i> | must come down |
| 1d Round-trip ticket | 4f Yield right of way |
| 1e Turn over a new leaf | 5a Not up to par |
| 1f Pie in the sky | 5b Abridged dictionary |
| 2a <i>The Price Is Right</i> | 5c Repeating rifle |
| 2b Total loss | 5d Growing pains |
| 2c Swear on a stack of Bibles | 5e Pizza with everything on it |
| 2d Little League | 5f Lying down on the job |
| 2e Bridge over troubled water | 6a Trial separation |
| 2f High school | 6b Prosperity is just around the corner |
| 3a Negative attitude | 6c Monkey around |
| 3b Shopping center | 6d Unfinished business |
| 3c Turn-of-the-century | 6e Writer's cramp |
| 3d Counterclockwise | 6f <i>Moonlight Sonata</i> |
| 3e Headless Horseman | 7a Power blackout |
| 3f Sitting duck | 7b Between-meal snack |
| 4a Set one's teeth on edge | 7c Flip Wilson |
| 4b Double or nothing | 7d Bottomless pit |
| 4c Bet one's bottom dollar | 7e Four-wheel drive |
| | 7f Checkout counter |

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80-2

BOGGLE® Play at your own risk.

BOGGLE® is the fun addiction from Parker Brothers. By playing it just once, you risk getting hooked.

OBJECT: List as many words of three or more letters as you can find in the matrix within a three minute time limit. The goal is to find more and longer words than your opponent.

PLAY: Letters must adjoin horizontally, vertically or diagonally in sequence and cannot be used twice in the same word. Any word is acceptable as long as it can be found in a standard English dictionary.



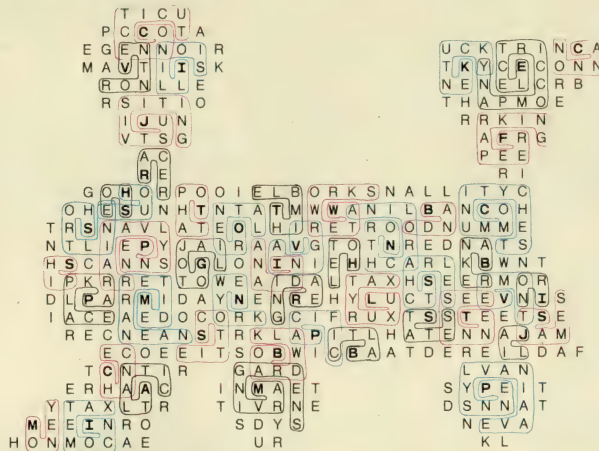
SCORING: Compare your list with your opponent's list and cross off the words you have in common. Score the remaining words as follows: 1 point for words of 3 or 4 letters, 2 points for 5 letters, 3 points for 6, 5 points for 7, 11 points for 8 or more.

There are at least 158 words in the game pictured. For a list send a stamped, self-addressed envelope to Boggle, c/o Parker Brothers, P.O. Box 1012, Beverly, MA 01915.

Boggle® is Parker Brothers' registered trademark for its hidden word game equipment.
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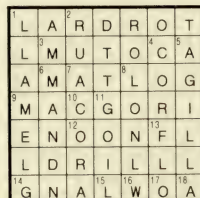
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26 Take a Ride on the Reading

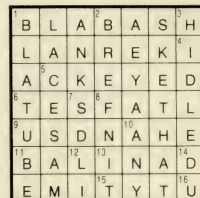


41 RightAngles

#1—Beastly Doings



#2—Blankety-Blank



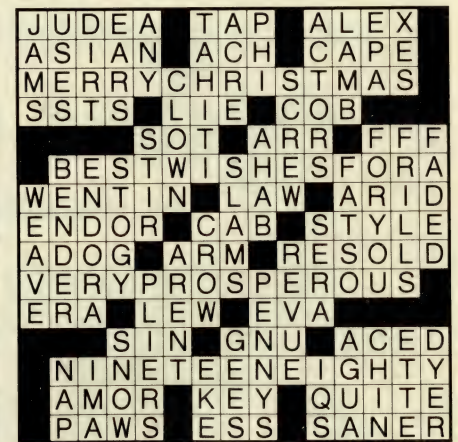
44 The Blank of the Blank

- A. *The Return of the Native* by Thomas Hardy
- B. *The Red Badge of Courage* by Stephen Crane
- C. *The Grapes of Wrath* by John Steinbeck
- D. *The Hunting of the Snark* by Lewis Carroll
- E. *The Last of the Mohicans* by James Fenimore Cooper
- F. *The Bridge of San Luis Rey* by Thornton Wilder
- G. *The Call of the Wild* by Jack London
- H. *The Turn of the Screw* by Henry James
- I. *The Treasure of the Sierra Madre* by B. Traven
- J. *The Lord of the Rings* by J. R. R. Tolkien
- K. *The House of the Seven Gables* by Nathaniel Hawthorne
- L. *The Picture of Dorian Gray* by Oscar Wilde

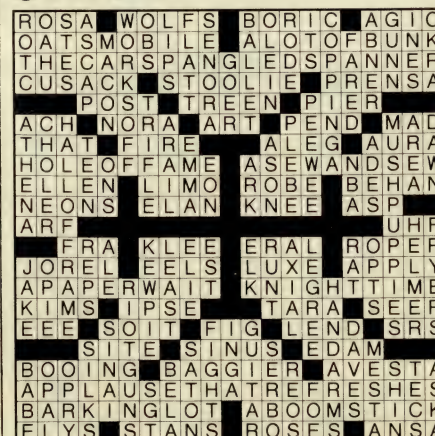
27 The Top of the Crop



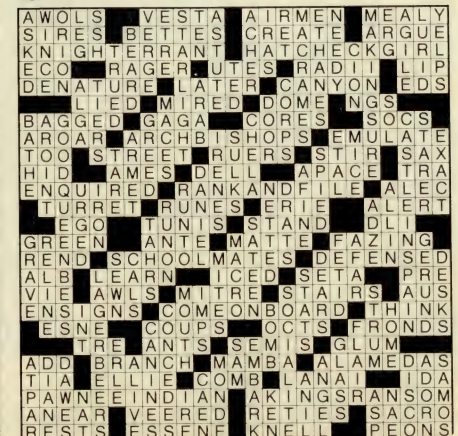
23 New Year's Cheer



37 Definitions?



41 It's Your Move!



Introducing the first space-age word game!

SCRABBLE[®] BRAND SENSOR[™] Electronic Word Game



SENSOR[™] comes to you from the SCRABBLE[®] people. And who knows more about word games?

1. You punch in your mystery word. The SENSOR[™] electronic memory keeps your secret.

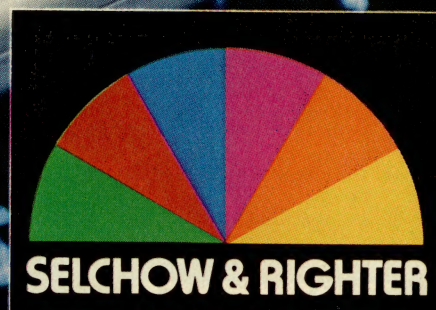
2. As your opponent tries to guess the word, the computer answers back with clues.

3. Lights flash and music sounds when you figure it out. The quicker you do, the higher your score.

Operates on one battery. (Battery not included.)

If you like words and love a challenge, this new game is something special. It's you vs. your opponent, each of you trying to outsmart the other by prying secrets from the SENSOR[™] electronic brain. Or you can play the game alone, matching your wits against the built-in word bank. It's the most fun with words since SCRABBLE[®] Crossword Game!

SCRABBLE[®] is the registered trademark of Selchow & Righter Company.



SELCHOW & RIGHTER

Another name
for fun and games.

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56 Eyeball Benders

- Soda pull-top tab
- Vise
- Composition notebook
- Radiator
- Ping-Pong paddle
- Wet mop
- Blackboard eraser
- Top of talcum powder container
- Colored pencils
- Plastic milk jug
- Muffin tin
- Gas pump
- Door mat

55 Word Row

- In VerMONT, GOMER, Yttrium alloyed with mercury becomes A LAB AMALgam.
- JUNE AUthors her first novel, making NeAL A SKAler.
- The PHOENIX-like Indian diva wears a SARI ZONAte in its pattern.
- LITTLE ROCKs in Topeka beAR KANSAS identification marks.
- The SACRAMENT Of matrimony over, we left MexiCALI FOR NIagara Falls.
- GoIDEN VERities COLOR A DOWNtrodden man's dying thoughts.
- According to the CHART FOR December, I disCONNECT—I CUT—cables!
- I DO VERY little for the infidel, AWARE of his heresy.
- GreaT ALLAH, AS SEEN by Moslems, is a FLORID Arab.
- In the Mexican seaport of MazATLÁN, TAmented actors staGE ORGIAstic revels.
- The archON, O LULU, lists mammals haltingly: "HAW ... AI, Ibex, puma, ..."
- The hoBO IS Even afraid A HOse will kick him.
- "In SPRING, FIELDS of wheat slope down-hill," I NOISE about.
- IN DIANA, POLISH nobleman, you see an INDIAN Actress!
- A sporty DESM, O INEScapable Mario, WAS never of interest to anyone.
- Furred mammals fear snakes: TO PEKANS, ASps are mortal enemies.
- FRANK, FORTthright as always, admonishes KEN: "TUCK Your shirt in!"
- BAT ON ROUGE-colored playing fields, LOUIS, IAN, And George!
- In AUGUST, A lifeguard often puts forth his MAIN Effort.
- I noticed ANNA POLishing apples when MARY LANded.
- The comBO'S TONSils emit a MASS "ACHU," SET TSars to sneezing.
- The merry cLAN SINGS out a coMIC "HI, GANGl," greeting us.
- Shall we toaST PAUL M. INNES, O Tavern-keeper?
- We watched JACK'S ONce-timid MISSIS SIP Pink lemonade.
- The painting "George JEFFERS ON CITY Streets" will MISS OUR Inspection.
- RACHEL ENables me to detect chewing guM ON TAN Apparel.
- LINCOLNesque poses are natural if you wear niNE BRAS, Kate!
- With CARS ON CITY thoroughfares careening wildly, caN EVA Dance outside?
- Send this CONCORDance to NEWHAM. (P.S. HIRE a messenger!)
- When Peggy couldn'T RENT ONe, she purchased a NEW JERSEY.
- So pleaSANT A fellow designed your NEW "M," EX-ICONoclast!
- The typical BANYan tree has siNEWY OR Knotted branches.
- SAra LEIGH drove NORTH, CAROL, IN A station wagon.
- The iBIS, MARC, Kills fish up NORTH, DAKOTA tribesmen tell me.
- Padraic COLUM, BUSier, elates me; OH, I often read his poems.
- LoOK, LAHOMA, CITY you are not, loOK, LAHOMA, town you are!
- At a Chinese SALE MORE GONGs than cowbells change hands.

- John HARRIS, BURGLar extraordinaire, sent William PENN SYLVAN Iambics.
- With PROVIDENCE on our side, our "myrRH" ODE IS LANDward bound.
- Pre-COLUMBIAN artifacts were found down SOUTH, CAROL—IN A cave!
- The okaPI ERRED and strayed SOUTH, DAKOTA Indian chiefs reported.
- Monsters gNASH VILLEins on a forgoTEN NESS. EErie at night.
- My beAU'S TINY feet EXASperate me beyond human endurance.
- A baSALT LAKE, CITY slickers, is BUT A HARD, rocky surface.
- Hebrews at BelMONT—"PE" LIE Repeaters—argue oVER MONTHly news releases. [Evidently, Montpelier must have been a difficult one—Ed.]
- RICH MONday morning quarterbacks hear me proclaim, "A VIRGIN I Am!"
- OLYMPIAn spirits resent WASHING TONS of dirty laundry.
- "I may reaCH ARLES TONight," replied the sloWEST VIRGIN I Asked.
- A noMAD IS ON hand as LeWIS CONS Indians once again.
- The perspiring ApaCHE YENNED for vistas snowy, O MING emperor!

Cover Illustration

Secretariat wins Triple Crown, 1973.
 Second great Northeast blackout, July 13, 1977.
 Sebastian Coe breaks mile record, July 17, 1979.
 Life magazine folds with the December 29, 1972, issue.
 Jaws scares people all summer, 1975.
 Charles DeGaulle, last of the giants, dies November 9, 1970.
 Henry Aaron breaks Babe Ruth's career home run record, April 8, 1974.
 Concorde lands in America, May 24, 1976.
 All in the Family premieres January 12, 1971.
 America catches Saturday Night Fever, 1978.

Cover credits: Secretariat/Neil Leifer, Sports Illustrated; Northeast blackout/UPI; Runner's foot/David Herbeck; Life Marlon Brando photo/Steve Schapiro; Jaws/Universal Pictures; DeGaulle illustration/David Levine (reprinted with permission from the New York Review of Books, © 1966 by N.Y. REV., Inc.); Henry Aaron/Wide World Photos; Concorde/Wide World Photos; All in the Family/CBS; John Travolta/Paramount Pictures.

EUREKA

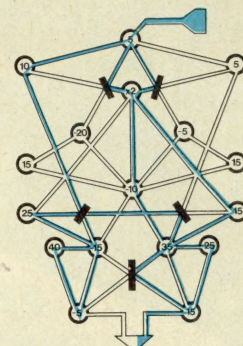
EUREKA is dedicated to those venturesome spirits who, never settling for a ready answer, have fought their way to a better, more elegant, or more complete solution than one previously given in the Answer Drawer.

★ **National Puzzler's League** (January/February 1979, page 10). Kyle Corbin of Raleigh, NC, has found several more improvements (see Eureka, July/August, page 72) for "Heads You Win," in which the object was to find words that would still be words if their initial letters were dropped. Using Merriam-Webster's Pocket Dictionary as word authority, Corbin has added these words to the list: APATHETICALLY, DENUNCIATION, ENUMERATING, FRIGHTFULNESS, HAIRBRUSH, OESOPHAGUS, and PREARRANGEMENT. This brings the "best possible" score for a set of 26 words (one beginning with each letter of the alphabet, and scoring one point for each letter in the shortened word) to 222.

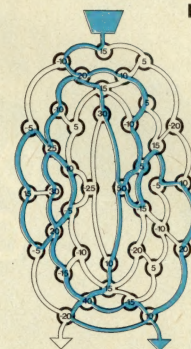
★ **The Puzzles That Took Russia By Storm** (May/June, page 32). Kevin Hall of Los Altos, CA, has found another way to arrange 12 flags on a rooftop so that there are six on each side: cluster six flags together in one corner, then cluster the other six in the diagonally opposite corner.

★ **Cat-Lover's Special** (May/June, page 27). Eric Berman of Crown Point, IN, has pointed out that the answer to Question 5 ("baseball star") could have been (instead of Catfish Hunter) Harry "The Cat" Brecheen, who won three games for the Cardinals in the 1946 World Series.

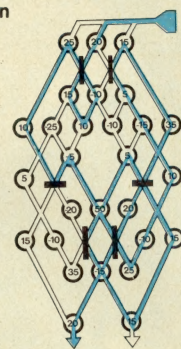
★ **Pinball Mazes** (September/October, page 58). A number of readers have improved upon our solutions for the Alpha, Gamma, and Epsilon pinball mazes.



Epsilon



Alpha



Gamma

Those shown were sent in by Lester Steit of Scotch Plains, NJ, whose 375 score on Alpha was five points better than ours; Renee Sandefur of Owensboro, KY, whose 275 score on Gamma was a 20-point improvement; and John Randolph of Akron, OH, whose 605 score on Epsilon also represented a 20-point improvement over our solution.

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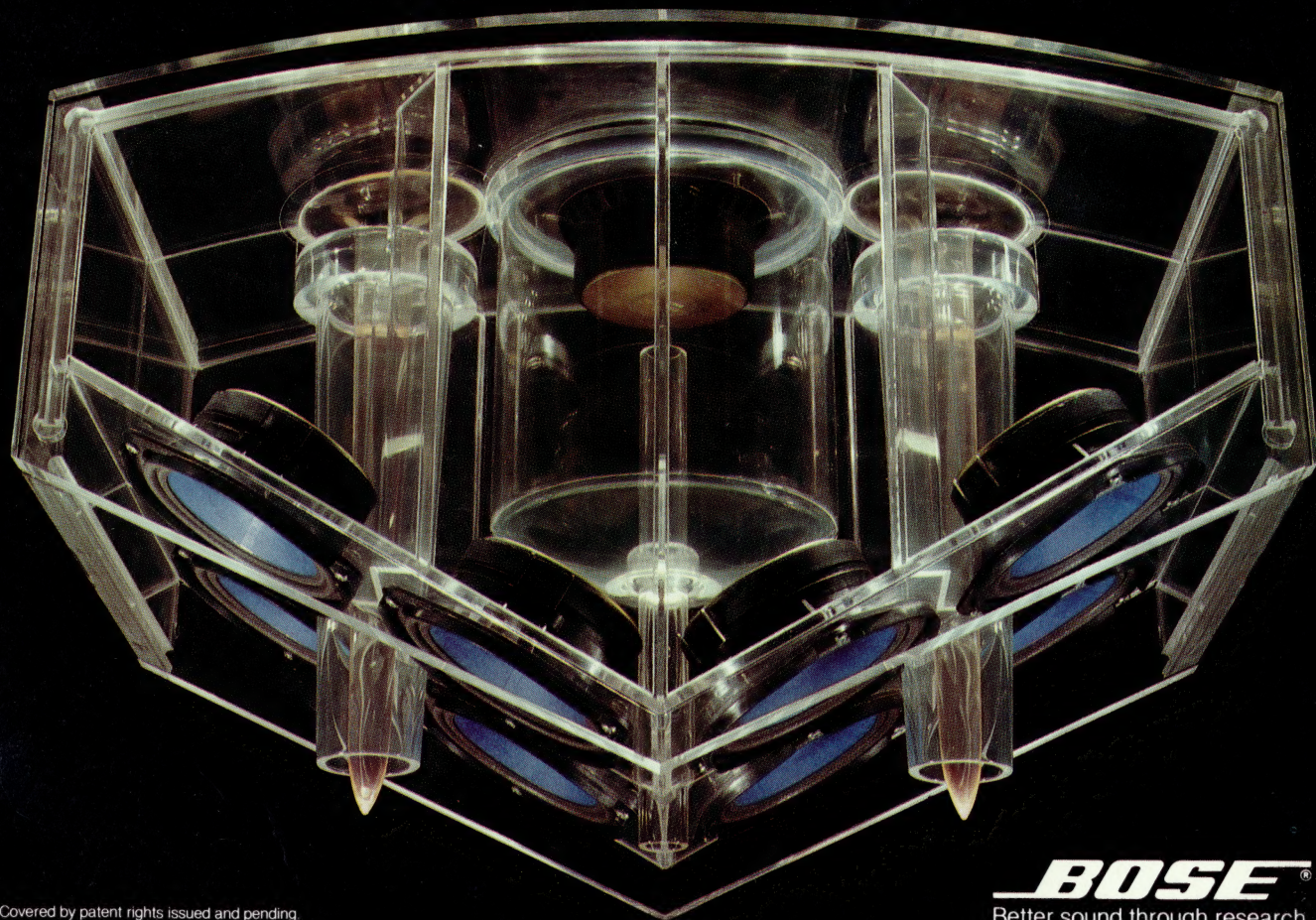
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 (Signed) Milton J. Block, Publisher

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